

<210> 5969
 <211> 2151
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2152)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2065)...(198)
 <223> similar to gi3319931 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5969

gccccgcggta	gtaaacctgg	atccttttaa	acggccccc	cttttttttt	tttttaattgg	60
caaataagatt	taatgcagag	tgtcaacttc	aattgattga	tagtggtgc	ctagagtgc	120
gtgttgagta	ggtttctgag	gatgcaccct	ggcttgaaga	gaaagactgg	caggattaac	180
aatatctaaa	atctcacttg	taggagaaac	cacaggcacc	agagctgcca	ctggtgctgg	240
caccagctcc	accaaggcca	gcgaagagcc	caaattgtgag	agtggcggtc	aggctggcac	300
cagcactgaa	gccaccactg	gtgctggcac	tggcactggc	actgttattg	gtactggtac	360
tggcaccagt	gctggcactg	ccactctctt	gggctttggc	tttagcttct	gctcccgcct	420
ggatccgggc	tttggcccag	ggtccgatat	cagcttcgtc	ccagttgcag	ggcccggcag	480
cattctccga	gccgagccca	atgcccattc	gagctttaat	ctcggcccta	agccttggtc	540
tccaaggtga	gcctcagctt	gcagccttca	aaatccgctt	ccattcgccc	cttnctttcc	600
cgggggggga	ctgagctgcc	cattcccttt	ggatcccttc	ttttgtacct	ttgcaggcaa	660
acttgaagga	ctttcatctt	tgctggtcct	catagtaaga	gcgcaggccc	ccagaagaac	720
tcatattcaa	ggggaattgc	tatgggggac	tctggcatag	tcacaggtac	ttctgcttca	780
caaacctcat	cagtgatgag	cttccttcac	gtcccccaag	agttgaatga	tgtatcccca	840
ggcgcagccc	caaacttggc	gcagcacctc	ccagatgaca	gcctcacttg	gaccgatttc	900
cattcattga	agatgatgct	aagaagcacc	atgagcagac	ccagcttggg	tgagtcccta	960
gtcgttccca	gtatgcctgc	atcagtgggc	tctaagggtgc	tgagaagaat	gtacaagtgg	1020
tcattcttat	caatttcctt	caattgaatc	ccaaatacct	tcttccaagg	aatagcctgc	1080
tcgttcaaat	gatttcgggg	tacacatcag	tgtattcttt	gatgatgtcc	ttcagcatgt	1140
tccgagcgct	tgatgggaat	cttcgtctgg	tctttagcca	aaaggtaact	caccaaattc	1200
atttgccctc	ccttgcaaaa	gggccacatc	cccaagntgg	tgggtgcttc	ggctcttggg	1260
atgaactgga	acttggcaac	tctaacggcg	aagccccttt	gcctacgggc	tttaagggtga	1320
tctccaaggg	gagagcaaag	gctctccggg	cccaaagcaa	gccaaaccgag	tccttgatgc	1380
cctgcggggc	caaaaggcta	tgggaccctt	tgaagccctg	cggggcattg	aggccattag	1440
agcctttgag	acccttcggc	cacctgtggt	tccagaagcc	tgactctgat	cactgctgcc	1500
atcctcttcc	ccatccagat	gcttcacctt	tcgggctttc	ttggctttga	ccttgggccc	1560
agtatcctga	ttctcctgag	actgggcagc	tgcactctca	ggctcaggtt	catctgctgg	1620
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ctgagtagta	gatgaggcct	gggtggcagg	tgccctccga	gcctctgggg	tctttgagac	1860

ctctgtggcc	tttgagaccc	cagaggcttt	tgagaccttc	acatcctctg	agacctccag	1920
tgcccttgag	gccttcggtg	tctctgggac	ctccacattc	tgggtcactg	tcaacagagt	1980
ctgcatcacc	gagctactgt	ccttttctga	agcttcagcc	tggaagcgag	ttagacctgc	2040
accactctcg	cttgtgtcag	acatgtctca	atttggcctg	gcaagagctg	agcctcgtcc	2100
tctacaatt	cccgagtgcg	tccactcact	ccaagccctc	ccgaagctcg	g	2151

<210> 5970

<211> 1790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (356)...(1535)

<223> similar to gi987265 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 5970

gataagcttg	atategactt	cgtgttcctg	ggtttccttg	gcgctgcggc	cgccgctccc	60
tctgcaactg	tatgaggagg	aggaggagga	ggatgtgaag	atggcggagc	tgcatatgct	120
gctggaagag	gaaatcccgg	gggggcggcg	ggccctcttc	gacagataca	caaactctgga	180
acgggtggcc	gattactgcg	agaacaacta	catacagtca	gcagataagc	agagagccct	240
agaagaaacc	aaagcctaca	ccaccaatc	cttagcaagt	gttgccctatc	tgataaacac	300
cttggaacaac	aatgtcctgc	agatgctgga	tatccaggca	tcccagctac	gaaggatgga	360
atcttcaatc	aatcatatct	cacaaacagt	tgatattcat	aaagagaaag	ttgcaagaag	420
agaaattggt	atcttgacta	ccaataaaaa	cacttcaagg	acacataaga	ttattgctcc	480
agccaacctt	gaacgaccag	ttcgttatat	tagaaaacct	attgactata	caattctaga	540
tgatattgga	catggagtaa	aggtgagtac	ccagaacatg	aagatgggtg	ggctgccgcg	600
tacaacacct	ccaactcaga	agccccctag	tccccctatg	tcagggaaag	ggacacttgg	660
gcggcactcc	ccctatcgca	cactggagcc	agtgcgtcct	ccagtgggtac	caaattgatta	720
cgtacctagc	ccaaccgcta	atatggctcc	ctcgcagcag	agccctgtga	ggacagcttc	780
tgtgaatcaa	agaaatcgaa	cttacagcag	cagtgggagt	agtggaggga	gccacccaag	840
tagtcggagc	agcagtcgag	agaacagtgg	aagtggtagt	gtgggggttc	ctattgctgt	900
tctactcca	tctcctccca	gtgtctttcc	aggtcatcct	gtacagttct	acagcatgaa	960
taggcctgcc	tctcgccata	ctcccccaac	aatagggggc	tcgttgccct	atagacgccc	1020
tccttccatt	acttcacaaa	caagccttca	gaatcagatg	aatggaggac	ctttttatag	1080
ccagaatcca	gtatctcttg	ctcctcctcc	tccctccatc	ctacaggtaa	ctcctcagtt	1140
acctttaatg	ggatttgtgg	ccagagtcca	agaaaaatatt	tcagatacac	cacctccacc	1200
gccacctgtg	gaagaaccag	tctttgatga	gtctccccca	cctcctcctc	ctccagaaga	1260
ttacgaagag	gaggaagctg	ctgtgggtga	gtatagtgat	ccttatgctg	aagaggaccc	1320
accgtgggct	ccacgttctt	acttggaaaa	ggttgtggca	atttatgact	atacaaaaaga	1380
caaggaagat	gagctgtcct	ttcaggaaga	agccattatt	tatgtcatca	agaagaatga	1440
cgatgggttg	tattgagggg	agtttatgaa	ttggagtgc	ttgggttttt	ttcccgaggaa	1500
ttacgttgag	tctattcatg	cattattctg	agtaaagctc	agcagggtcg	tgcttgccctc	1560
acaggaatag	tcaggtcttc	ccagattatc	tgaaggccct	ggggattcca	ctccagtaaa	1620
gtagaatgaa	ggatacaaat	gataaaaatt	acactttttt	tttgggttat	tccccagtat	1680
taaaaacaaa	gcaagctgag	tctgaacaaa	tggatctttc	tgccatcatt	tgtacaatgc	1740
tgagctgtct	ggattgaaat	aaaatgacca	tttttatgta	tgtcaaaggt		1790

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<210> 5971
<211> 2533
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (21)...(2243)
<223> similar to gi3005087 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 5971
ggaattcccg atcgggagcc atgagcgtgg acaaagctga gctatgcggg tctctgctca      60
cctggttaca gacgttccac gttccgtctc cctgtgccag ccctcaggac ctgagcagcg      120
gccttgccgt agcctatgtg ctgaaccaga tgtgagtggg gctgaagggg aggatcccaa      180
aagtgtcccc cagtctgtct atcccacctt ctgcggccca gagaccctc ctggttcaac      240
gaggcatggc tccagggcat ctcggaagat ccagggtccc actggaagct gaaggtcagc      300
aatctgaaga tggctttacg gagcctagta gagtactccc aggatgtcct ggcgcaccc      360
gtgtcagaag agcatctccc agatgtgagc ctcatggag agttctcaga cccggcagag      420
ctcggaagc tgcttcagct ggtgctgggc tgtgccatca gttgcgagaa aaagcaggac      480
cacatccaga gaatcatgac gctggaagaa tcggttcagc atgtggtgat ggaagccatc      540
caagagctca tgaccaaaga cactcctgac tccctgtcac cagagacgta tggcaacttt      600
gacagccagt ccgcagagta ctatttccta agtgaggagg ctgaggaggg ggacgaatta      660
cagcagcgct gtctggatct ggagcggcag ctgatgctcc tgtcagagga gaagcagagc      720
ctggcgcaag agaatgcagg gctgcgggag cggatggggc ggcctgaagg cgaggggtacc      780
ccagggtctc ctgccaagaa gctgctgctg ctgcaatccc agctggagca gttgcaggag      840
gagaacttca ggctggagag tggcagggag gatgagcgcc tgcgctgtgc cgagctggag      900
agggagggtt cggagctgca gcaccggaac caggcgctga ctagcctggc ccaggaggca      960
caggccctga aggatgagat ggatgaacta cggcagctct cggagcgtgc tgggcagctg     1020
gaggccacgc tgaccagttg ccggcgccgc ttggggcgagc tgagggagct gcggcgggcag     1080
gtgcggcagc tggaggaacg caacgccggc cacgccgagc gcacgcgaca actggaggat     1140
gagctacgcc gagcgggctc cctgcgcgcc cagctggagg cgcagcggcg gcaggtgcag     1200
gaactgcagg gccagctgca ggaggaggcc atgaaggccg agaaatggct atttgaatgc     1260
cgcaacctgg aggaaaagta tgagtcgggtg acaaaggaga aggagcggct gttggcggag     1320
cgggactcct tgcgggaggc caatgaggag ctgcgctgcg cccagctgca gccgcggggg     1380
ttgacctagg ccgatccctc actggatccc acctccacac ccgtggataa cttagccgca     1440
gagatcctgc ctgcggagct cagggagacg ctccctgcggc ttcagctgga gaacaagcgg     1500
ctgtgcaggc aggaggcggc cgaccgggag cggcaggagg agctgcagcg ccagctggag     1560
gatgccaacc gcgcgcgcca cgggttggag acgcagcacc ggctgaacca gcagcagcta     1620
tccgagctgc gggcccaggt ggaggacctg cagaaagccc tgcaggagca ggggggcaag     1680
actgaagatt ccattttgct gaaaagggaag ctggagggaac atttgcagaa gcttcatgag     1740
gcagatctgg agttgcagag gaagcgggag tacattgagg agctggagcc acccactgac     1800
agcagcacag cccggcggat cgaggagctg cagcataact tgcagaagaa ggacgcggac     1860
ttgcgggcca tggaggagcg ataccgccgc tacgtggaca aggcccgcat ggtcatgcag     1920
accatggaac ccaagcagcg gccagctgcg ggggcacctc cagaactcca ttccctgagg     1980
acacagctcc gagaacggga tgtccgcata cgacacctgg agatggactt tgagaaaagc     2040
cgaagtcagc gggagcagga agaaaagctg ctcatcagtg cctggtataa tatgggcatg     2100
gccttgacgc agcgagctgg ggaggagcgg gcgcctgccc atgcccagtc attcctggca     2160
cagcagcggc tggcaaccaa ttctcgccgt ggacccttgg gacgcctggc atctctgaac     2220
cttcgcccc a ctgacaagca ctgacagacc tcacaatcaa gccagcctgg gctccaccca     2280
ccctggcttc ctccagctca catggcgccc agcactgggc ttcagccagg tgctcgagag     2340

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ctttgaggcc	atgatctctg	ctcttccctc	tcccagattg	gtggggaggg	agggcgagg	2400
gtagatatag	gcctgttctt	tttagcaatg	tgattcttgt	tggtgattct	ctctctggag	2460
ttcatgtgct	gcctcaggag	actctgattt	tatatttgag	aaaaataaag	gcgttcaatc	2520
tgcaaaaaaa	aaa					2533

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<210> 5972
<211> 1610
<212> DNA
<213> Homo sapiens

<220>
<221> misc feature
<222> (1332)...(297)
<223> similar to gi29715 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 5972						
tttttttttt	ttgaaattaa	atthttattta	aacagggtaaa	aattttataca	tcctttttaa	60
aacgaaaatg	caaagtcagt	aagtgaatca	ataatataaa	cctattttata	gcagtaatta	120
aaatagaggt	aacattttacc	agtgtgaaaa	tatcacagaa	ttcaaatacac	actcggatct	180
tcaatgattc	gagtgtgtat	ccgacacagc	gggggctggg	agactgaaga	tgaattcctc	240
ccatgcatgc	gccatcccc	gtcaagtctt	tcctcatcac	cgtccaccag	ctcacacagt	300
ggggtagctg	gctgctgagg	caattccaca	atgggtttctc	cgggtctttgg	ccatctttac	360
gtagccaccc	atgccccatt	cttcaccccc	gctgtttcttc	accagcccaa	tattttattgt	420
tatccggatt	ctgtgctttc	aaattccgta	gccaaaccaa	ccagcaacaa	cccatgaatc	480
catggtcttc	aactgcttac	aggtctggct	ccaaaataaa	atgccttctt	tataggaaca	540
ggaaggactc	atggacctgc	catcaaatag	ccaaacagaa	aatgggcccc	cacagttggc	600
aactggcctt	catcagggcc	cttctcctgc	cttaagggat	gtcccacaaa	gccggtgtca	660
ttagcaacag	gataccttgg	gattgtactt	acaggattct	tctgttgctt	caatatggat	720
aggattcctc	gagagtccag	ggcctccatt	atcctgaaca	tactggaaag	cataatccat	780
taggcccacc	attgcagcct	tccattgctt	tgaggcccat	gagcagtcta	accagattct	840
gtcactcag	tgagataagc	ctccccagtt	ttccggaaca	tctgtccttt	aagagcacca	900
gtagcactaa	aagcccacaa	agaaccacac	tgaccctgat	tcttcacagg	agtcacgtag	960
cctttctctc	tccaatccac	agatctgggg	gcctcataaa	acagagggtc	ctggaacact	1020
ttcccccttc	tgggcttacg	gttttgaaa	ccattcatca	cctgcctgaa	ttcttctactg	1080
gtcatgtctc	caaaggcggt	catggccatt	gtgaagctgt	gtttcccttc	cctgtattcc	1140
tgattgtgca	gttcaatcat	cttcatgttc	ttctccca	ctgctctcct	ccatccttct	1200
tcattcatgc	cgtataatct	gttgtgcac	gccttccact	tgggtccactg	tgctctctaaa	1260
ctgtgatcaa	atgttagagt	agctgaggca	attcccaggc	aaaaggcagc	aaggatgagt	1320
gtaggattca	tgtttttaaaa	cctgtgtcca	cccggctcgg	aggctggcct	gcccgtctaa	1380
ccagtcacgc	gcctccggcg	ggctctcaac	tgccctcccc	ggcttcccca	cctcaaggcc	1440
agcagagttc	ggggtagacg	ctctcggtgc	cagggtcggg	gcacacctac	tcgaccgcgt	1500
cctctcttcc	agtcctctgc	cggccacagc	tgggcctggc	cggcggcgct	ttctctgctgc	1560
ggtcgtagct	gcgcaggcgc	actccacgga	tgccgctcaa	ggttgcgagg		1610

<210> 5973


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<211> 1485
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (217)...(872)
<223> similar to gi871887 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 5973
ggccagcaac aagttagtat tgcagacatg ggccaaggag ccagaggcca tgcagtggct      60
cagggtcctg gagtcgcctg gggaggccac aggacacagg gtcacccatgg ggacagccgc      120
cctgggtccc gtctgggcag cgtccctgct ctttctcctg atgtgtgaga tccctatggc      180
ggagctcacc tttagacagag ctgtggccag cggtgccaa cgggtgctgtg actctgagga      240
ccccctggat cctgcccatt tatcctcagc ctcttcctcc ggccgcccc acgccctgcc      300
tgagatcaga ccctacatta atatcaccat cctgaagggt gacaaagggg acccaggccc      360
aatgggcctg ccagggtaca tgggcaggga ggggtcccaa ggggagcctg gccctcaggg      420
cagcaagggt gacaaggggg agatgggcag ccccggcgcc ccgtgccaga agcgcttctt      480
cgccttctca gtgggcccga agacggccct gcacagcggc gaggacttcc agacgctgct      540
cttcgaaagg gtctttgtga accttgatgg gtgctttgac atggcgaccg gccagtttgc      600
tgctccccct cgtggcatct acttcttcag cctcaatgtg cacagctgga attacaagga      660
gacgtacgtg cacattatgc ataaccagaa agaggctgtc atcctgtacg cgcagcccag      720
cgagcgcagc atcatgcaga gccagagtgt gatgctggac ctggcctacg gggaccgcgt      780
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ccctcccggc tggagagctc aggtgctggc cccgtcccct gcagggtcct gtttgactg      960
ctgtgaagca ggaaggccag ggaggtcccc ggggacctgg cattctgggg agaccctgct     1020
tctatcttgg ctgccatcat ccctcccagc ctatttctgc tctctcttc tctcttggac     1080
ctattttaag aagcttgcta acctaaatat tctagaactt tcccagcctc gtagcccagc     1140
acttctcaaa cttggaaatg catgcgaatc acccgggggt cgtgttaaat gcagattctg     1200
actcagcagg tctgagtggg tccaggattc tgtgtttctc atatgttcct gggatgatgt     1260
gatggggtca gtctatgaac cacactggag caaccagggt ctaggacttt ctcaatatc     1320
tagtactttc tgaacattct ggaatcctcc ccacattcta gaattctccc aactactagg     1380
gaggctgagg caggagaatc gcttgagcac aggaggcgtt ggctgcagtg agccaagatc     1440
acgccactgc actccagcct gggtacaacg agcgaaacta tcgcc                                1485

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<210> 5974
<211> 1910
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (86)...(1305)
<223> similar to gi4454263 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 5974
cgggcgcgta gcccgcgcgc ggagcgtacc ctgctgcggc cgttgccgt tagcgcggct 60
tcggcgggtt tcttgagaa gcaagatggc ggcgacggcg gccgcagtgg tggccgagga 120
ggacacggag ctgcgggacc tgctggtgca gacgctggag aacagcgggg tccatgaaccg 180
catcaaggct gaactccgag cagctgtgtt tttagcacta gaggagcaag aaaaagtaga 240
gaacaaaact cctttagtta atgagagcct gaaaaagttt ttaaatacca aagacggtcg 300
tttagtggtt agtcttggtt cagaatttct tcagtttttt aaccttgact ttactttggc 360
tgtttttcaa cctgaaacta gcacatatct taacttcttt tctagctgca aggtctcgaa 420
ggtcgagaga atttagcccg agatttaggt ataattgaag cagaaggtag tgtgggtgga 480
cccttattat tagaagtgat caggcgtgt caacagaaag aaaaagggcc aaccactggg 540
gaaggtgcac ttgatctatc tgatgtacat tctccacca agtcaccaga gggaaaaaca 600
agtgcacaga caacaccaag taagatacca aggtataaag gacaaggtaa gaagaagaca 660
agcgggcaga aggtctggtg caagaaggcc aatgatgagg ccaatcagag tgatacaagt 720
gtctccttgt cagaacccaa gagcaaaagc agccttctact tactgtccca tgaaacaaaa 780
attgtatctt ttctaagcaa cagaacttta gatggcaaag acaaagctgg cctttgtcca 840
gatgaagatg atatggaagg agattctttt tttgatgatc ccattcctaa gccagagaaa 900
acttacggtt tgaggaagga acctaggaag caagcaggaa gtctggcctc gctctcggt 960
gcacccccct taaaaagtgg actcagctcc ctggcgggag ccccttcttt aaaagactct 1020
gagagtaaaa ggggaaatac agttttgaaa gatctgaaat tgatcagtga taaaattgga 1080
tcacttggtt taggaactgg agaagatgat gactatgttg atgattttta tagtaccagc 1140
catcgctcag agaaaagtga gataagtatt ggtgaagaga tagaagaaga cctttctgtg 1200
gaaatagatg acatcaatac cagtataag cttgatgacc tcacacaaga tctgactgta 1260
tcccagctca gtgatgttgc ggattatctg gaagatgttg catagacacg aagaaggaag 1320
tattctaatt aacaaggaca gaggactgac cggttccatt tttttttttt tccaaacaat 1380
cactcagctg aaagggcggc tctctattgg ggccttgcat ttcaaaaacc ctgcagattt 1440
tttttaaaag aaattttcat tttactaaac aaaatacttc ctatttgagc ccatgggggg 1500
aaaatttaatt attcttaatt taactgtaca tttctttatg gaaatggatt atctacactc 1560
agtttcatta cagggaagga acctatgaaa acatcagtg taagagcatg atgaaagggtg 1620
tcaataaagc cgtaggatcg cgcaaccctt tgtgtgtgtg gctgctggta cgtgtgatct 1680
ttgaaaacct tggcttttagc cctctggaat cagagcttac ccaccatagt atattttgat 1740
attaggtggt tctacacata gttggcaaaa tgacttggtg aatttgtaat gctgaagtat 1800
attagtataa gttaaatttg atgtgtcaac tttattttgt atttccttcc atttggaagg 1860
tttggttagac cattaagggt atattaaagt actcttgtgt gtgctaaaaa 1910

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<210> 5975

<211> 1238

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (925)...(157)

<223> similar to gi4894624 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 5975
cccccttttt ttttttttta aagttacaga tagtatttaa ttggttactg tgatatcata 60
gaaataccaa gaatcataaa agtaaaaaaa gctgctaagt tgtacataat gtttccggaa 120
tactaagaag ttgctgctgg tctacagagc cctgggaggt gacggtgagg atggtcccaa 180

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gagggcgacg	taggggtcact	ggccccgggtc	ctggtgcctc	ttgcctttgc	ctttcttttt	240
cttggtcttt	ggccgaggct	tcaaggcgca	ataaaacagg	cggacctcc	agcgatggcc	300
ttgggcaggt	cgacgcccct	gctccacttg	tgggctcgc	ggtcgtacac	ctgcacggtc	360
ttggagaagg	cagtgttctc	ccagctgtag	ccgcccagga	tgtagatgcg	gccctccac	420
actgccacgc	ccgactcgct	gttggcggtc	agcagcggcg	ccacgcgggt	ccactggttg	480
cactgcgggc	tgtaggcctc	cacgcccagc	acgtogaagc	gctccatgga	ctcgatgttg	540
tcatcgctgc	ccccgatgga	gtagatgctg	tcaccaggc	tgcacatgct	gtgccagccg	600
cgcgcgctgg	tcatgggccc	ccgctcctcc	cacacgtctg	tccggtggtc	gtagcatagc	660
aggttcttgc	ggtagggggc	aatttggtag	tctgggcccc	ccgagatgta	cacgaagtct	720
ttgtagatgg	tggcgcgctg	gccgtacgtg	aaccttggca	agccggccac	ataggaccag	780
gagtcagtct	tgggactgta	cgtctctact	gaagagagcg	ctccgttctc	attccggccg	840
cgatggccac	cagcatgtct	tcgatggagg	caaggtagaa	atccacacgg	cgctggttca	900
tggaggccac	ctgaataaag	agggcttctt	caggtgggag	ctctgagccc	ccgaggtttc	960
accaagatgc	tctgaatccc	caaaagtggg	atggagacgc	tctgagtcct	caaaaggggg	1020
atggagatgc	tctgaacccc	cgaacttgct	tggtcatgtc	gtcagccgcg	tggatgggaa	1080
ctctgtggtc	acaggggtca	gaattgctga	tctagtggct	ttatgaaata	aaaattcatc	1140
tttctctccc	ccacatcaga	tttgtaaaga	aagagatgct	ctgccactcc	gtgttaacag	1200
agcaggacgt	ggcatgggac	gcgtgggtca	acccaaga			1238

<210> 5976

<211> 1869

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (31)...(1398)

<223> similar to gi780310 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5976

gcgcggcctc	ctgtctgcac	cggcagcacc	atgtcgtcga	cggtcgtcag	catggcggtgc	60
gttgggttct	tcttgcgtga	gggggccttg	ccactcatgg	gtggtcagga	caaacccttc	120
ctgtctgccc	ggcccagcac	tgtggtgcct	cgaggaggac	acgtggctct	tcagtgtcac	180
tatcgctcgtg	ggtttaacaa	tttcatgctg	tacaaagaag	acagaagcca	cgttcccatc	240
ttccacggca	gaatattcca	ggagagcttc	atcatgggcc	ctgtgacccc	agcacatgca	300
gggacctaca	gatgtcgggg	ttcacgcccc	cactccctca	ctgggtggtc	ggcaccagc	360
aacccccctg	tgatcatggg	cacaggaaac	cacagaaaac	cttccctcct	ggcccaccca	420
gggccccctg	tgaaatcagg	agagacagtc	atcctgcaat	gttggtcaga	tatcatgttt	480
gagcacttct	ttctgcacaa	agaggggatc	tctaaggacc	cctcacgcct	cgttggacag	540
atccatgatg	gggtctccaa	ggccaatttc	tccatcggtc	ccatgatgct	tgcccttgca	600
gggacctaca	gatgctacgg	ttctgttact	cacacccccct	atcagttgtc	agctcccagt	660
gatccccctg	acatcggtgg	cacaggtcca	tatgagaaac	cttctctctc	agcccagccg	720
ggccccaagg	ttcaggcagg	agagagcggt	accttgctct	gtagctcccg	gagctcctat	780
gacatgtacc	atctatccag	ggagggggga	gccccatgaac	gtaggctccc	tgcagtgcgc	840
aaggtcaaca	gaacattcca	ggcagatttc	cctctggggc	ctgccaccca	cggaggggacc	900
tacagatgct	tcggctcttt	ccgtcactct	ccctacgagt	ggtcagaccc	gagtgaacca	960
ctgcttggtt	ctgtcacagg	aaacccttca	agtagttggc	cttcacccac	agaaccaagc	1020
tccaaatctg	gtaacctcag	acacctgcac	attctgattg	ggacctcagt	gggtcaaaatt	1080
cctttcacca	tcctcctctt	ctttctcctt	catcgctggg	gtccaacaa	aaaaaaatgc	1140

tgctgtaatg	gaccaagagc	ctgcagggaa	cagaagtga	cagcgaggat	tctgatgaac	1200
aagaccatca	ggaggtgtca	tacccataat	tggaacactg	tgttttcaca	cagagaaaaa	1260
tcactcgccc	ttctcagagg	cccaagacac	ccccaacaga	taccagcatg	tacatagaac	1320
ttccaaatgc	tgagcccaga	tccaaagttg	tcttctgtcc	acgagcacca	cagtcaggcc	1380
ttgaggggat	cttctagggg	gacaacagcc	ctgtctcaaa	accgagttgc	cagctcccat	1440
gtaccagcag	ctggaatctg	aaggcgtgag	tcttcatctt	agggcatcgc	tcctcctcac	1500
gccacaaatc	tggtgcctct	ctcttgctta	caaatgtcta	ggtccccact	gcctgctgga	1560
aagaaaacac	actcctttgc	ttagcccaca	gttctccatt	tcacttgacc	cctgcccacc	1620
tctccaacct	aactggctta	cttctagtc	tacttgaggc	tgcaatcaca	ctgaggaact	1680
cacaattcca	aacatacaag	aggctccctc	ttgacgtggc	acttaccac	gtgctgttcc	1740
accttccctc	atgctgtttc	acctttcttc	ggactatttt	ccagccttct	gtcagcagtg	1800
aaacttataa	aattttttgt	gatttcaatg	tagctgtctc	ctcttcaaat	aaacatgtct	1860
gccctccaa						1869

<210> 5977

<211> 1604

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1605)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1518)...(712)

<223> similar to gi200545 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5977

tttttttttt	tttgtgtttt	tttgtttttt	ttttttttnt	tcgtgggtatt	gcaaaataaa	60
tttatttgaa	gataaactgt	cttataaaag	gtcagaggca	atttgagatc	ccagattcag	120
cttgtctcat	aaaaagattc	aacttcaagt	agcacaattt	cttgtctgct	tttaatcctg	180
aacattcttg	aagcacgaaa	cagccaactg	tttacacaac	acatctgtga	catctgactc	240
tggcaccagt	ggcgccgcag	ctttcagctc	tgaggcccca	cgggctgcag	ccctcagctt	300
tgggagggcc	cagatcaggc	cactgtgacc	tctggctttg	ccagcaacaa	caggtcccag	360
catcccagcc	cttccctccc	ctggcacctc	ccaaaagcac	aagaatgcaa	accgagactg	420
gcccaccact	gaggcagggg	tggactcccg	cttgagtgtg	ccaacagggc	gggtggactg	480
tcctgggtgac	ttcctgggtg	gcctggccaa	ccaagaggcc	aagtggcctc	accaggcctt	540
acctggctgc	ctggcagccc	ggagaggaag	gaggaaggac	gtcacgggtg	cgacagctct	600
ggccacgctg	gcgggagcta	cgtgatgatc	ctggcgatgg	cttgcaggga	ggggaagtgc	660
tcgtcccggg	cagcatgcag	cgctgggtgg	ctgctggcat	cgccatgcgc	gagcacctgc	720
tggcaggtgg	ggcacacacg	gcagtccagg	ccgcctgct	gggtgggtggc	ctgccacgcg	780
ctcttcttgt	tcttcttgga	cttgggtgctc	agaggcttct	cgcggttgca	gaagtccgtg	840
tgtgcagaca	ggagctcctg	ctgcttggcc	gtgtcgggca	gcaggaccag	cagctcatta	900
aagaccttct	ggaaattctc	ccccagcagg	tcccggcaac	tcttgtaata	ctgggctgcg	960
gagatcaggc	cctgtctgaa	ctccccctgag	tggctcttga	actcgtcgaa	gcgggcctcg	1020
tcgctctgca	ggaagtcctt	gatggactgg	atgagctgaa	ggttcctctc	ccggaagttc	1080
tcggggacta	ggtaggcccg	tggggcaggc	agcagcctgg	gtgcttttgt	ggtgggtggtg	1140

gtggcggggc	tggggacaca	ggccgggtgg	gggctaggca	gaaggccaga	gaagccaggg	1200
ggcggcttgc	tgattggggg	caccaggccc	ggcgggggtg	ggggaggcgt	gcccttcagg	1260
agcaccacag	cgctgaagcc	tggggacggc	ggcatccggg	gtgggcaggg	gccgccgagc	1320
gctgggaagt	cctcctgtgg	cgtggggcag	gggaaggacc	ccaggggcct	tgggagccca	1380
gggggttcct	tggggggcact	ccgagcaggg	gccggggcct	ccgtgtgtcc	attaacgacg	1440
acggcaactg	gccccctcggc	tctgctggca	ggagcttccg	gggcctgcaa	agccccctggg	1500
ggacaggtac	gcggccgggg	gctgtggcaa	tgtggtgcct	gaattatccg	agccctcttt	1560
cttcttcttc	ccaacttttag	cggacgcgtg	ggtcgaccag	ggaa		1604

<210> 5978

<211> 650

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (424)...(634)

<223> similar to gil196424 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5978

ctcgaccac	gcgtccgttc	tgaactcgct	tcttacctca	cataattcct	gccttaaaat	60
gtttaaaagt	aggaaaagcc	ctttgtttgg	ggctcagact	ttctggacat	atgtccagct	120
gggccagtg	tgaccttaat	agactctcct	gaaccttttt	tggctctctcc	agtctttgat	180
tgtcctgtaa	catttctggg	ggcttatccg	ggattggaga	tggcagattt	tctgtcttct	240
ttgcctgtgg	gctagagccc	caggatgtgg	gagatctggg	gtccttggca	ccgctgggag	300
agtttcagcc	tggaaaggaga	atggccctcc	cgcattccag	agccttcccc	tgacagcacc	360
aaaggaacca	gtggaaaagg	ttgcaggaca	gtcacaggag	cagtgcacag	acatctgaac	420
catgttgcag	gtatcatacc	ttgggttctt	catagccagc	tgaaaccaac	agcagccact	480
gcccaggacc	agtggaccag	tcaacaatac	ccagaccacc	caacacggct	gacacctacag	540
tgaaatcaag	ccactgctga	caagaacaac	tgaacaactg	ccctgctcca	accacaccag	600
aggctgggtc	agtccacgca	tggctgaagc	ttaaggaaac	atcgagcccc		650

<210> 5979

<211> 1361

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1335)...(842)

<223> similar to gil710229 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 5979
cagttcttaa acatatgaca gcatatccat ataaaaatga aaaatctttc agctttatgc      60
ctctatcaaa ggccaacaca tatcttcatg gaaacagttc ctgtcaggca gggaggagtg      120
agtgcctgag gaaaagttcc aagtagttta taacaaaggc acaatattag aaagactgcc      180
atcaatcatt ctttagattt ctttatcaca tttttcaaaa ataaacaaat cgaaccatat      240
ttgtagcaac tcaaagtgcg gcatagattt aaatgatgta tttgttcagc tactgatag      300
ggggcaaata ctacattaat atattttctt cctgtcaaga gttatttaca tatgtacagt      360
atctcagtta aaaatataac accataaact atattttata ggaaatcata aggggaaggaa      420
atatgcagggt ctattaaaga cttaagagct tctaataaac tactttactt ggagaggggt      480
gggggggactt cagatcatat agtctgccat ggagaaaaga acttgctggc agacagcctg      540
atggttcaga ggctccagtg cccagtttag cacctgggtc gcaatctttc cacagactta      600
ctgatcaggc ttgatcagga tggcccagcc atccagaaaa agcccccatc ggggttcagtc      660
ccttcgggggt acagatggaa aaggcgtcaa tctactgagt catagtatga aaggttccaa      720
aatctcccc agctggtata atacaatcag tcccccttca agttatggta agccatatgt      780
gccaagcatg aaataatcag attgcaactc atcacggaag tagttaattc tgtttttcta      840
gtacagcagt gtctatgata ttccgcgcgt ttgggtctag ggctgcaaaa aaggaaacat      900
cttgggtccc gtctgactgc aatgctaaga tgggtctctc aatgacttca agatgaggggt      960
taccagcatt tctaaaatac gccttttcca acagcatctg ccttagggcc ttggctagca     1020
gaaccctcac gttgggcaca ggatctgatg cgaggctcag gaggctggga agcagggtgct     1080
ccatgaactg gtccacgggg acacactcct tgctcaccac tgctgctcc aagaaagtca     1140
cagccaaaga aatgatgttt tccgcagtct tctagaaca tacacttctt taatcccaaa     1200
gaagtcgttt cagaatctgt aggtttgagg cgtgtgtatg aatttttaaa tctcaagcac     1260
tgatttggtt agaaacacag ttaatatatt attataattc actaccaagc agtggggttcc     1320
aagtaggtta agatctggtg agcttaggag tcagaagtct a                                     1361

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<210> 5980
<211> 1962
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (175)...(1248)
<223> similar to gi34019 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 5980
ccgaggctat aagagggcgc acaagtggcg cggcgcagga gccgcgccca gtggagggcc      60
gggcgctgcg gccgcggccg gggcgggcgc agggccgagc ggacgggggg gcgcggggcc     120
cccgaggagg cgcgccact ccccccggg cggcgcggc gggggaggcg gaggatggaa     180
acacccttct acggcgatga ggcgctgagc ggctggggcg gcggcgccag tggcagcggc     240
ggcacgttcg cgtccccggg ccgcttggtc cccggggcgc ccccgacggc cgcggccggc     300
agcatgatga agaaggacgc gctgacgctg agcctgagtg agcagggtgg ggcagcgcctc     360
aagcctgcgc ccgcgcccgc ctcctacccc cctgcgcgcc gacggcgccc ccagcgcggc     420
acccccgcac ggctgctcg cctctcccga cctggggctg ctgaagctgg cctcccccca     480
gctcgagcgc ctcctatcc agtccaacgg gctggtcacc accacgccga cgagctcaca     540
gttcctctac cccaaggtgg cggccagcga ggagcaggag ttcgccgagg gcttcgtcaa     600
ggccctggag gatttacaca agcagaacca gctcggcgcg ggccggggcc ctgccgccgc     660
cgccgcgcgc gccggggggc cctcgggcac ggccacgggc tccgcgcccc ccggcgagct     720

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ggccccggcg	gcgccgcgc	ccgaagcgcc	tgtctacgcg	taacctgagc	agctaccgcg	780
ggcggtgcc	gggggtgcg	gggtggcgcc	gcgacgagtc	gccttcgctg	ccgaacctgt	840
gcccttccc	ccgccgccac	ccccaggcgc	gttggggccg	cggcggcctg	gctggcgctt	900
caaggacgaa	ggccccagac	ggtgcccagc	gtgcccagac	ttcggcgaga	gccccgccgt	960
tgtcgcccat	tgaaacatga	cacgccaagg	cgcattccaag	gcgaagcgca	agcggtggc	1020
gcaaccgcga	aattcgcgct	ccaaagcccc	caagccgcaa	gctgggagcg	caatctcgcg	1080
cactggaaa	agaaagtga	gacccctcat	agagtccaga	acacggcagc	ctggcgcca	1140
cggcgagcct	gctgcgcgag	caggtggcgc	agctcaagca	gaaagtcttc	agccacgtca	1200
acagcggctg	ccagctgctg	ccccagcacc	aggtgcccgc	gtactgagtc	cgcgcgcggg	1260
gcgcattgcg	ggccaccctc	cccaaggggc	gggtcgcgcg	gggggtgtcg	tgggcgcccc	1320
ggacttgag	aggggtgcgc	cctggggacc	ccccctccc	cgagtgtgcc	caggaactca	1380
gagagggcgc	ggcccccg	gattcccccc	cgaggtgcc	caggactcgg	aaggggcgc	1440
ccggactcga	caagctggac	cccctgctcc	cggggggcg	agcgcattgac	ccccccgccc	1500
tcgcgctgcc	tctttcccc	gcgcggccgc	cccgtgttgc	acaaacccc	cgcgtctcgg	1560
ctgccccctt	gttacaccgc	gcgcgggaag	tggggctccg	agggggcgca	gcctcaaacc	1620
ctgcctttcc	tttactttta	cttttttttt	ttttttttct	ttgggaagag	agaagaacag	1680
agtgttcgat	tctgccttat	ttatgtttct	actcgggaac	aaacgttgg	tgtgtgtgtg	1740
tgtgttttct	tgtgttggtt	ttttaagaa	atgggaagaa	gaaaaaaaa	ttctccgccc	1800
ctttctcga	tctcgctccc	cccttcggtt	ctttcgaccg	gtccccctc	ccttttttgt	1860
tctgttttgt	tttgttttgc	tacgagtcca	cattcctgtt	tgtaatcctt	ggttcgccc	1920
gtttctgtt	ttcagtaaag	tctcgttacg	ccaaaaaaaa	aa		1962

<210> 5981

<211> 913

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (214)...(822)

<223> similar to gil289278 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5981

accacgcgt	gcgctctgat	tagcagcaga	tttattattc	tttctcatt	tcatgttata	60
cttaataaaa	caaaacatac	ctgtatacac	acacattcac	tcacattgaa	gatgcaagat	120
gaagaaagat	acatgacatt	gaatgtacag	tcaaagaaaa	ggagttctgc	ccaaacatct	180
caacttacat	ttaaagatta	ttcagtgaag	ttgcattgg	ataaaatctt	actgggaata	240
tctggaaccg	tgaatggtat	tctcactttg	actttgatct	ccttgatcct	gttggtttct	300
cagggagtat	tgctaaaatg	ccaaaaagga	agttgttcaa	atgccactca	gtatgaggac	360
actggagatc	taaaagtga	taatggcaca	agaagaaata	taagtaataa	ggacctttgt	420
gcttcgagat	ctgcagacca	gacagtacta	tgccaatcag	aatggctcaa	ataccaaggg	480
aagtgttatt	ggttctctaa	tgagatgaaa	agctggagtg	acagttatgt	gtattgtttg	540
gaaagaaaat	ctcatctact	aatcatacat	gaccaacttg	aaatgtccct	cgtccacatt	600
ttaggctttt	atacagaaaa	acctaagaca	attaaactac	gtatggattg	ggcttaactt	660
tacctccttg	aaaatgacat	ggacttgggt	ggatggttct	ccaatagatt	caaagatatt	720
cttcataaag	ggaccagcta	aagaaaacag	ctgtgctgcc	attaaggaaa	gcaaaatttt	780
ctctgaaacc	tgcagcagtg	ttttcaaagt	gatttgtcag	tattagagtt	tgacaaaatt	840
cacagtgaag	taatcaatga	tcactatttt	tggcctatta	gtttctaata	ttaatctcca	900
ggtgtaagat	ttt					913

<210> 5982
 <211> 2452
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2453)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1979)...(331)
 <223> similar to gill118097 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5982

aaactgagca	ctgtccccc	antgctttct	tggcaatgaa	gttccggttc	ctggctccta	60
gaaattggtg	aaatcagcaa	gacggaagaa	ggagtcaact	tgggccaagc	cctgttggag	120
aatggcatca	tccaccatgt	ttccgacaag	caccagttca	agaatgagca	ggtgatgtat	180
cgcttccgct	acgacgatgg	cacctacaag	gcccgaagtg	agctggagga	catcatgtcc	240
aagggtgtga	ggctttactg	ccgtcttcac	agcctctaca	ccccggtgat	caaagaccgt	300
gattaccacc	tgaagacct	caagtcagtg	cttcccggga	gcaagctggt	ggactggctg	360
ctggctcagg	gagactgcca	gactcgggag	gaggcagtg	cgctcggcgt	gggtctgtgc	420
aacaatggct	tcatgcacca	cgtgctggag	aagagcgagt	tcagggatga	gtcccagtac	480
ttccgctttc	atgctgacga	ggagatggag	gggaccagca	gcaagaacaa	acagcttcgc	540
aacgacttca	agctggtgga	gaacattctg	gccaagcgcc	tgctgatcct	gccccaggag	600
gaggactatg	gctttgacat	cgaggagaag	aacaaggctg	tggtggtgaa	gtccgtccag	660
aggggctcgc	tggctgaggt	ggctggcctg	caggtgggga	ggaagatcta	ctccatcaat	720
gaggacctgg	tgttctctcg	gccgttttca	gaggtggagt	ccatcctcaa	ccagtccttc	780
tgtcctccgc	gccctctgcg	cctcctggtg	gccacgaagg	ccaaagagat	catcaaaatc	840
cccgaccagc	cggacacact	gtgcttccag	attcgtggag	ctgccccacc	gtacgtctat	900
gctgtgggga	gaggctctga	ggccatggct	gcagggtctc	gtgctggtca	gtgcattctg	960
aaggtcaatg	gcagcaacgt	gatgaacgat	ggtgcccttg	aggtcctgga	gcacttccag	1020
gcattccgga	gtcggcgcg	agaggccctg	ggcctgtacc	agtggatcta	ccacacccat	1080
gaggatgccc	aggaagcacg	agccagtcag	gaggcctcca	ctgaggaccc	cagtggcgag	1140
caggcccagg	aggaagccca	ggctgattca	gccttcccac	tgctgtccct	gggtccccgg	1200
ctgagcctgt	gtgaggacag	ccccatggtc	accctgactg	tggacaacgt	gcacctggaa	1260
cacggcgtgg	tgtatgagta	tgtgagcacg	gcaggcgtca	ggtgccatgt	gctggagaag	1320
atcgtggagc	cccgcggctg	tttcggcctc	accgccaaga	tcctcgaggc	ctttgtctgc	1380
aatgacagcg	tcttcgtgga	gaactgcagg	cggctcatgg	ccctgagcag	cgccatcgtg	1440
accatgcccc	actttgagtt	ccgcaacatc	tgtgacacca	agctggatag	cattggccag	1500
aggattgcct	gctaccagga	gtttgcagcc	caactgaaga	gcagggtcag	cccacccttc	1560
aaacaagccc	ccctggagcc	ccaccgctg	tgtggcctgg	acttctgccc	caccaattgc	1620
cacatcaacc	tcatggaagt	gtcctacccc	aagaccaccc	cctcagtggg	caggtccttc	1680
agcatccgct	ttggacgcaa	accctccctc	atcggccttg	acccgagca	aggccacctg	1740
aaccccatgt	cgtacaccca	gcaactgcatc	accaccatgg	ctgctccctc	ctggaagtgc	1800
ttgctgctg	cagaggggtg	tccccaaagg	cagggctctcc	atgatggcag	cttcgggcca	1860
gccagtggga	cccttggtca	ggaagaccgg	ggcctcagct	tcctactcaa	gcaggaggac	1920

cgtgagatcc	aggatgccta	cctgcagctc	ttcaccaagc	tggatgtggc	cctgaaggag	1980
atgaagcaat	atgtcaccca	gatcaacagg	ctgctgtcca	ccatcacaga	gcccacctcg	2040
ggtgggtcct	gcgacgcac	cttggtgag	gaggcctcct	ccctgcccct	ggtcagtga	2100
gagagcgaga	tggacaggag	tgaccatggg	ggcatcaaga	aggtgtgctt	caaggtggcc	2160
gaggaggacc	aggaggactc	aggccacgac	accatgagtt	atcgcgactc	ctacagcgag	2220
tgtaacagca	atcgagactc	ggtcctgtcc	tacaccagcg	tgagaagtaa	cagctcctac	2280
ttgggcagcg	acgagatggg	gtctggagat	gagctgccct	gtgacatgcg	gatcccatct	2340
gacaagcagg	acaagcttca	tggctgcctg	gagcacctct	ttaaccagggt	ggactccatc	2400
aatgctctcc	tcaagggggc	agtcatgagc	cgggctttcg	aagagaccaa	ag	2452

<210> 5983

<211> 544

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (44)...(463)

<223> similar to gil98609 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5983

cccacgcgtc	cgaggctcta	actttctggt	atgtcctcag	tagcagagat	gtcacagtgg	60
agaggagccc	ttggaatata	atgagtatga	ggaagttgtc	acagctcaac	attgactcag	120
catgtgttag	ctcccactgg	agggaaactc	cataaatgta	atgaatgtag	gaaacacctc	180
atccagagag	ttaactttta	ttcataccaa	agaactcttt	gtctgtagtc	agtgtggaaa	240
tgcttctagt	gaccatttat	ccttttaaaca	acaccgtgaa	ttaacactgg	agagaagcca	300
tatgaatatg	atctgtgtgg	gaaagccttc	atttaaatgat	ctcaccttag	tcataatgag	360
acaatgcaca	tggagagaaa	ccctataaat	gtacagcatt	tggaacagcc	ttcaacctca	420
gccctaacct	ttataggtgg	tctcactcaa	gtttccatct	atctgaaaga	tgccatcttt	480
tagataccag	agagctccca	cagggtctaaa	ccctacaccc	ttcaggcaaa	gctcaagcct	540
tgta						544

<210> 5984

<211> 2978

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2933)...(558)

<223> similar to gi5305335 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5984

agtcgacgat	ttcgtgccgg	eggctatttc	tattcccagg	aaatccccgg	gccatctgtg	60
accaacaaag	gcccgagccc	ccccacccc	gcgagcccaa	caacagggcc	caacggcccc	120
tggctccggg	gtggggggat	cgggcctgga	tcggctgccg	gtgcctgcca	gtggggggtta	180
ggcttgcgtga	ggggcaggca	caggagtcct	ggctgagctc	atggcctgag	gctgcctagc	240
ggccacgggg	aatggttgca	atggcggagg	cagaggcagg	ggtggcagtg	gaggtccgtg	300
gactgcccc	tgcctgccc	gacgagctgc	tactctcta	ctttgaaaac	cggcgacgct	360
ctggaggggg	acctgtgttg	agctggcaga	gactgggctg	tgggggcgtc	ctcaccttca	420
gagagcctgc	agacgccgag	agggctcttg	cccaggcaga	tcacgaacta	catggtgccc	480
agctgagcct	gcggccagct	ccaccacgag	cccctgcacg	cctgctgctc	caaggactgc	540
cccctggcac	cacgccccag	cgttggagc	agcatgtcca	ggccttgctg	cgggcctcgg	600
ggctcccagt	acagccttgc	tgtgccttgg	ccagcccccg	gccagaccgg	gctctgggtcc	660
agttgcccga	gcccccttct	gaggcagatg	tccgtgtcct	ggaggagcag	gcccagaatc	720
tgggcctgga	ggggaccttg	gtgtccctgg	cccgggttcc	ccaggcccca	gcggtgcgtg	780
tgggtggggga	tgggtgcctct	gtggacctgc	tgttgctgga	gttgtaacctg	gagaatgagc	840
gccgcagtg	tggggggccc	ctggaggacc	tgcaacgcct	accggggccc	ctgggcactg	900
ttgcctcctt	ccagcagtg	caagtggcag	aacgagtgtt	gcagcaggag	caccgggttg	960
agggctcaga	gctgagcctt	gtccccact	acgacatcct	ggagcccag	gagctggctg	1020
agaacaccag	tggaggggac	caccgctcca	cccaggggccc	tagggctacc	aagcatgctc	1080
tcttgaggac	cggaggggtg	gtgacggctc	tgcaggggtg	agggactgtg	acaatgggct	1140
ctggcgagga	accagggcag	tcaggggctt	ctctgaggac	aggtcccatg	gtgcagggta	1200
gagggattat	gacaacaggc	tctggccagg	aaccagggca	gtcagggacc	tctctgagga	1260
caggtcccat	ggggctctctg	ggacaggcag	agcaagttag	ctcgatgccc	atgggggtctc	1320
tggaacatga	ggggctggta	agcctgaggc	ctgtgggggt	gcaggaacag	gagggggcca	1380
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tggagatcac	catgggggtct	ctggagaagg	cagggcctgt	gagcccagga	tgtgtgaagc	1560
tggcagggca	ggagggcctg	gtggagatgg	tgtattgat	ggagccagg	gcgatgcgct	1620
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aggctcagtt	ccagtgtgtc	tttgggacag	agcgctggc	cacagccacg	ttggacacag	1920
gccttgaaga	ggtggaccct	accgaggccc	tcccagtgtc	ccctggcaac	gccccacccc	1980
tgtggacccc	agacagtaca	ggtggtgacc	aggaggacgt	gagcctggag	gaggtccgag	2040
aactgctggc	caccctggag	ggcctagacc	tagacgggga	ggactggctg	cctcgggagc	2100
tggaggagga	agggcctcag	gagcagccag	aggaggaggt	gaccccagg	catgaggagg	2160
aggagcctgt	ggccccagc	actgtggcac	ccagggtggc	ggaggaggag	gccgctctgc	2220
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agccccaga	tggggggact	gatggcaagg	cccagctggg	ggtgcactcg	gcctttgagc	2400
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agacgggtgg	gccctggcgc	cgcacactgc	ctgcagagct	gcgtgctcgc	ctggagcggg	2520
gccatggtgt	gagtgttgcc	ctgcgtgggtg	actgcacct	cctccgtggc	tccggggccc	2580
acctgcccc	tgtgcccgc	cacttggtgg	cacttctggc	tggcccctgg	gatcagagtt	2640
tggcctttcc	cttggcagct	tcaggcccta	ccttggcggg	gcagacgctg	aaggggccc	2700
ggaacaacct	ggagcgtctg	gcagagaaca	ccggggagtt	ccaggagggtg	gtgcgggcct	2760
tctacgacac	cctggacgct	gcccgcagca	gcacccgctg	cgttcgtgtg	gagcgcgtgt	2820
cgcacccgct	gctgcagcag	cagtatgagc	tgtaccggga	gcgcctgctg	cagcgatgcg	2880
agcggcgccc	ggtggagcag	gtgctgtacc	acggcacgac	ggcaccggca	gtgcctgaca	2940
tctgcgcccc	cggcttcaac	cgcagcttct	gcggccgc			2978

<210> 5985
 <211> 609
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (224)...(211)
 <223> similar to gi2323284 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 5985
tgaccgttac ctgtaccgga catgcccgga gtcgacgatt tcgtcagtta aaacagataa      60
attcaccacac agaaaacaat tagggctcta cgtggcacaa ctgtagttca caaaagcaac      120
ctcctgaaat ctgtccttaa tgtaaacagc catcccactg caaaaaaagt tgccataaac      180
ttaagctatc taaatggact tcttcattta tctctttggc ttctccttta aaatgaaggg      240
gttctgagga cacattgggg tttttccag tcctttcttt taatcacctc acagaaaact      300
ttctccaaat tggcagtga gttctgacta ttcttgtaga cacaggagca accatattgg      360
tcctcagccc caccagtctc aaccagccac ggtggtggaa taataaaaat attcaaatag      420
tgggagtttc taataaacca ttgacaacct ttctgtccca gccattact ttttgcttg      480
gacgtttaca ggatattcat ccctttttat tggtgaaatc tgcttcagct catttattgg      540
gacaagactt aaaacaaaaa ataaaatcat gatgacatct ctttctcctt aaaagggaga      600
cataattttt                                     609
  
```

<210> 5986
 <211> 3068
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2804)...(466)
 <223> similar to gi189400 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 5986
tttttttttt ttgatgggtc aacaagtgtt tattgagcag ccacatctgc caggtcttgg      60
gatagccagt ccctgtgctc atgggcttag atcctggcag aggcctagtg gagaggcttg      120
gggtgggggt cggggcatgg aaggctgtgc tattggccag ggactcagaa tacaggagag      180
tgcaaggggt acagaagttt ctttcttggg caaagaggcc tggaaatggt ggcttgaatc      240
tcaaccattc cttagccttc ccctctcaag ccagagaaaag acccaggtct ccctgccca      300
gaaggtccat gcatagacat tcattccggt gattcattcc ttaaccaaga aataaagagt      360
tgcactcctt gcaggggctg gtaaaagcaa tgggctggag gaggcagctc aggggccggg      420
gaaggggtgt tggctgcaag gttacaagag aaggggtagc actctcagag gcctgcttga      480
cgggcgcttg ggacttggct gatggggggc ctttctgggg cacagggtgg tgggaatgta      540
attggagagg cttccagagg cacttggact tgagaggcct ccatggagcc tctgacagag      600
tccccagggg ggacaacatg ctccaagagt ctgggctctg ctttcccttg ccccaccac      660
  
```

ggaagacatg	tcaagctggg	aagccatgga	ggagaagggg	agggcaaaaa	agttgttgag	720
ccactgggat	aaatgggagg	agccccggag	ggagcggctg	cgggatcgca	cagcccctcg	780
tatccggtgg	ggtgggctga	tgcccccttg	ccactgggat	aaatgggagg	agccccggag	840
ggagcggctg	cgggatcgca	cagcccctcg	tatccggtgg	ggtgggctga	tgcccccttg	900
cagctgggca	ggatgttcct	gggcattggc	aggatggttg	aggggccctg	tgatggcagg	960
agtgtctggc	tggaccacat	ggggagacca	agtccgaata	ggggcccgat	gcaattgagg	1020
gtgcaagcgg	agggcatggc	gaaggcggat	ggctctctgt	gctctgtaca	acaggtagcg	1080
gatcccacgg	tggacggcag	ggcgctcctg	gtgatcagga	ggctcgctgt	gaggctcagc	1140
atcgggggtg	gcagcctgct	cagcgggctg	gtggggaggc	caagctgggg	ggtggtatgt	1200
gccacagggc	aggctggagg	ctccttgtgc	tctcagcaga	gactggactg	gcgaggagtg	1260
ggctggcgag	gagtgggctg	gcgaggagtg	ggctggcgag	gactgtggct	cggcggctct	1320
catgggctcc	atgcacgagt	tttcggcatc	tgagtcttcc	gagctgctga	tcaccacaac	1380
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gagactgcct	tggaggtgct	gggcctgggc	tgctccgggg	agctccgagc	caaccttgcc	1560
tccttcccct	cctcagactc	catcttgatg	accttccctg	ggcactgggt	ctggctgcac	1620
ttcctcttct	gggctgtcgt	tgtattggag	acatcctctc	cataggaagg	gcctttgatg	1680
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acagctgcat	ctttcccctg	ggtgatgcaa	gagctgaggt	cctgcaggcg	cacctgaac	1920
tcgtcgaagc	cctgggtgcg	cacggcagct	tgcaggctct	ggggctcctc	ctggcgagg	1980
cggcagagcg	cctggcgagc	gaaaccgtgc	atgtccagca	cctcctggtc	cgaggcgtag	2040
cacttcatcc	tctgcaccag	cgcgctgccc	gtgcggatgc	gctgcagcac	agcatccagg	2100
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agcagctcgc	gctcctgagc	ccgcacgtga	gctaccacct	ggggcacgcg	ctcgcggtac	2220
agctcctcgg	tctcggcacg	cgcgcggccc	agctggccga	cggccgcgtg	catctgtgtg	2280
tgaaccgcgc	caaaggcact	atcctgctcc	tgcagcgctc	gcgtcatggc	gtccagctcc	2340
tcctgtcgct	gctggatctc	tgcgctgatg	tcgcacttga	gctcactgtg	gctgctgtca	2400
aggagcgcgc	acgagcagca	cagcggcttg	gaacatcctc	ggcagtagat	gctggtcagc	2460
gtaggggtgc	ggtggttggg	gttggagcag	aagatgttgt	tggtcttgcg	ggtgccgtcc	2520
aggaactcac	gcaccgactg	gttgcgcagc	tctgctaggg	gccgggcctc	gtgcttgagg	2580
aaccactggg	gtgcctcgaa	gcacttggcg	cagaggagct	gctcgcactc	aaagcaccag	2640
gaagtgcggc	gactctttgc	agcgggtgca	cacagcctgc	gcatccacaa	tctgccggtg	2700
caccgacagg	cgcgcgtgca	gactctcgaa	aaagacgtta	tccagggcgg	gtgtgtctgc	2760
acctaggggc	cagggcgcct	ggcagatggg	gcactgcatg	cccgcgcctc	ccaggcatcc	2820
tgagcacagc	gtgtgcagac	aaggcagcag	cttcgggcac	ttggcttccg	cctggcattg	2880
ctggcagcgc	agaaactgga	actcctcctc	cgaagcgggg	gctcgctctg	tagggctggg	2940
gctggggctg	ggctggcggc	cttcagaggg	ggtctcgggg	ggaggcatgg	tgggctcctg	3000
gggcccggcg	gggtcctgct	ggggcctcgg	agatcggggc	ggtgcaggct	ccatggaccc	3060
cagcttag						3068

<210> 5987
 <211> 3043
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(3044)
 <223> n = a,t,c or g
 <220>

<221> misc_feature
 <222> (3013)...(1673)
 <223> similar to gi2765425 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5987

caggtgcagc	tgctcagatc	tgggggaggc	gggggtccagc	ctgggaggtc	cctgagactc	60
tcctgtgcag	cgtctggatt	taacttcagg	acctatggca	tgcactgggt	ccgccaggct	120
ccaggcaagg	gactggagtg	ggtgacattt	atatggtctg	atgggagtat	caaatactat	180
aaagactccg	tgaagggccg	gttcaccgtc	tccagagacg	attcccggaa	cacattatat	240
ctgcaaatga	acagcctgag	agccgaggac	acggccgtat	attactgtgc	gaaaacagcg	300
gacgntgact	acgtgcggga	ctactattat	tactacatgg	atgtctgggg	caaagggacc	360
acggtcaccg	tctcctcagc	ctccaccaag	ggcccatcgg	tcttccccct	ggcaccctcc	420
tccaagagca	cctctggggg	cacagcggcc	ctgggctgcc	tgggtcaagga	ctacttcccc	480
gaaccggtga	cggtgtcgtg	gaactcaggc	gccctgacca	gcggcgtgca	caccttcccc	540
gctgtcctac	agtcctcagg	actctactcc	ctcagcagcg	tggtgaccgt	gccctccagc	600
agcttgggca	cccagaccta	catctgcaac	gtgaatcaca	agcccagcaa	caccaaggtg	660
gacaagagag	ttgagcccaa	atcttgtgac	aaaactcaca	catgcccacc	gtgcccagca	720
cctgaactcc	tgggggggacc	gtcagtcctc	ctcttcccc	caaaacccaa	ggacaccctc	780
atgatctccc	ggaccccctga	ggtcacatgc	gtgggtgggtg	acgtgagcca	cgaagaccct	840
gaggtcaagt	tcaactggta	cgtggacggc	gtggaggtgc	ataatgcaa	gacaaagccg	900
cgggaggagc	agtacaacag	cacgtaccgt	gtggtcagcg	tcctcaccgt	cctgcaccag	960
gactggctga	atggcaagga	gtacaagtgc	aaggtctcca	acaaagccct	cccagcccc	1020
atcgagaaaa	ccatctccaa	agccaaagg	cagccccgag	aaccacaggt	gtacaccctg	1080
cccccatccc	gggatgagct	gaccaagaac	caggtcagcc	tgacctgcct	ggtcaaaggc	1140
ttctatccca	gcgacatcgc	cgtggagtg	gagagcaatg	ggcagccgga	gaacaactac	1200
aagaccacgc	ctcccgtgct	ggactccgac	ggctccttct	tcctctacag	caagctcacc	1260
gtggacaaga	gcaggtggca	gcaggggaac	gtcttctcat	gctccgtgat	gcatgaggct	1320
ctgcacaacc	actacacgca	gaagagcctc	tccctgtctc	cgggtaaatg	agtgcgacgg	1380
ccggcaagcc	cccgtcctcc	gggtctctgc	ggtcgcacga	ggatgcttgg	cacgtacccc	1440
ctgtacatac	ttcccggg	cccagcatgg	aaataaagca	cccagcgtcg	ccctgggaag	1500
tatgtagacg	gggtacgtgc	caagcatcct	cgtgcgaccg	cgagagcccg	gggagcgggg	1560
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cagccagtcc	tgggtgcagga	cgggtaggac	gctgaccaca	cggtagctgc	tgttgtactg	2040
ctcctcccg	ggctttgtct	tggcattatg	cacctccacg	ccgtccacgt	accagttgaa	2100
cttgacctca	gggtcttctg	ggctcacgtc	caccaccacg	catgtgacct	caggggtccg	2160
ggagatcatg	aggggtgtct	tgggttttgg	ggggaagagg	aagactgacg	gtccccccag	2220
gagttcaggt	gctgggcacg	gtgggcatgt	gtgagttttg	tcacaagatt	tgggtccaac	2280
tttcttgtcc	accttgggtg	tgctgggctt	gtgattcacg	ttgcagatgt	aggtctgggt	2340
gccaagctg	ctggagggca	cggtcaccac	gctgctgagg	gagtagagtc	ctgaggactg	2400
taggacagcc	gggaaggtgt	gcacgccgct	ggtcagggcg	cctgagttcc	acgacaccgt	2460
caccggttcg	gggaagtagt	ccttgaccag	gcagcccagg	gccgctgtgc	ccccagaggt	2520
gctcttggag	gaggggtgcca	gggggaagac	cgatggggcc	ttgggtggagg	ctgaggagac	2580
ggtgaccagg	gttccctggc	cccagacctc	catgaagtag	taataggatc	ataataatat	2640
gtccccgtta	taggggacgt	cgcacagtaa	tagacagccg	tgctctcgac	tctcaggctg	2700
ttcatttgca	ggaacaggga	attctgggaa	tcgtctctgg	agatgggtgaa	tcggcccttc	2760
acggagctcg	cgtaggatgt	agtatcacca	ctactagtga	tgtacgaaat	ccactccagc	2820
ccctggcctg	gagcctgacg	gaccagttc	atggcataat	catcaaaggt	gaatccagag	2880

gctgcacggg	agagtctcag	ggacctgcc	ggctgtacga	agcctcccc	tgactcctgc	2940
agctgcacct	gacactggac	acctcttaaa	agagcaacga	ggaaaacca	gctcagccca	3000
aattccatgg	tgagttctct	gtgtgcagtc	ctgatcagca	cgc		3043

<210> 5988

<211> 6097

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (193)...(4255)

<223> similar to gi4589512 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5988

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<210> 5989

<211> 1708

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1420)...(1479)

<223> similar to gi35570 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5989

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aaagtgtgcg aaaatctgaa aaaaaaaaaa 1708

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<210> 5990
<211> 740
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (289)...(508)
<223> similar to gi3025832 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 5991
<211> 1408
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (742)...(50)
<223> similar to gi5901836 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 5992

<211> 1818

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (748)...(1361)

<223> similar to gi498731 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5992

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tccagaatga	acatgtagct	gcactatgcc	agaaattaat	gagggaagac	tttcttccta	1560
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catgcttcac	acctgccctt	ggaggtcaca	gtactaattt	acttcaaatt	tagttatgac	1680
agtgtcactg	tatcctagtt	atgtttacag	cacaaataaa	taatgactgt	catacatcca	1740
gaggagaccg	aacctgccc	gctgatgtac	tgttttatgg	aataaagtca	cttgatcaga	1800
aggaattgaa	aaaaaaaa					1818

<210> 5993

<211> 1087

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1088)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (339)...(686)

<223> similar to gi5105617 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 5993

tttccggagc	ccgccccctc	cggggagnag	gaggaggggc	ggcgggggaa	gggagggcgg	60
gtggaggggt	cgggaggaac	ggggggcggg	aaagatccgc	cgggaccacc	ggcacggccg	120
gacgcgcgcc	gccgggttga	atcctccggg	cggactgcgc	ggaccccacc	cgtttacctc	180
ttaacggttt	cacgcctctt	tgaactctct	cttcaaagtt	cttttcaact	ttcccttacg	240
gtacttggtg	actatcggtc	tcgtgccggt	atttagcctt	agatggagtt	taccaccgcg	300
tttgggctgc	attcccaagc	aaccgcactc	cggaagacc	cgggcccggc	gcgcgggggg	360
ccgctaccgg	cctcacaccg	tccacgggct	gggcctcgat	cagaaggact	tgggcccccc	420
acgagcggcg	cgggggagcg	ggtcttccgt	acgccacatg	tcccgcgccc	cgccgcgggg	480
cggggattcg	gcgctgggct	cttccctggt	cactcgccgt	tactgagggg	atcctggtta	540
gtttcttttc	ctccgctgac	taatatgctt	aaattcagcg	ggtcgccacg	tctgctcgtg	600
ccgaattcgg	cacgaactgt	gatgccctta	gatgtccggg	gctgcacgcg	cgctacactg	660
actggctcag	cgtgtgccta	ccctacgccg	gcaggcgcg	gtaaccggtt	gaacccatt	720
cgtgatgggg	atcggggatt	gcaattattc	cccataaacg	aggaattccc	agtaagtgcg	780
ggtcataagc	ttgcgttgat	taagtccttg	ccctttgtac	acaccgccc	tcgctactac	840
cgattggatg	gtttagttag	gccctcggat	cggccccgcc	ggggtcggcc	cacggccctg	900

gcggagcgct	gagaagacgg	tcgaacttga	ctatctagag	gaagtaaaag	tcgtaacaag	960
gtttccgtag	gtgaacctgc	ggaaggatca	ttaacgggag	actgtggagg	agcggcgggc	1020
tggtcgcgc	tccccgtctt	gtgtgtgtcc	tcgccgggag	gcgcgtgcgt	cccgggtccc	1080
gtcgcct						1087

<210> 5994
 <211> 1113
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1114)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (1043)...(316)
 <223> similar to gi510905 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5994						
tttttttttt	ttagaagcag	aggctcaggc	tgagcccagg	tttattatcc	aaaatcaaaa	60
tgaaatgcag	tgattaaagg	acacaaggcc	tcagtgtgca	tcattctcat	tgtggctttc	120
aggcggtgt	ggaagacagg	gtggggatgg	tggcttcggg	aggtgaggtg	ctctgggact	180
tgggcaagtc	ttaagcaagc	cattcctgct	ttctgggcct	ggctcccatg	ggccattaga	240
aatgaaaatg	ctttgtggac	tgctgaggac	ggtgcaaggg	gtgaggtttc	cccagctcac	300
ccggatccat	gggcccagca	cccaggggca	tcagcttctg	cttttatggg	tgggggtctg	360
caggtgggaa	gtcgtccttg	ggccttcaaa	atgacctcat	gggccctccc	tggaaggagg	420
tcctcccca	ctggctgcct	ccacgcgctg	ccgcatgtg	gccagcttgg	ggtcggcctt	480
tcgaagactt	ggcagccagc	acccacggga	tgcatcagct	ccgtaatggc	tacgaggtca	540
gctaaggaga	tgtgaggccc	agtaagggaag	gccttgttct	ggaggaactt	gtcctcgagc	600
aactgcaggg	tcacatccaa	ctctgccagg	gtgggctgcc	agtgtctggg	gagatactgg	660
ctcaccagg	aaaacaggga	accatcacct	tatgccaca	aggcccggag	gcagcttctc	720
cgcagagtcg	tgtgctgcca	tgccagggtac	tcatccacac	gggcacgggc	ctgcagggtcc	780
tgagggtacc	agtagtcagg	gaccttatat	ttgcgcgtca	ggtagagcag	gatggccaca	840
ctctccgtca	aggtgaagtc	cccgtccttc	aaggctggca	ccttcttgag	ggggttcacc	900
tgggcaaagg	catcgcttaa	gtgctgacct	ttaatcagat	ccacgatgcg	cagctcgaag	960
ggaatgtcgt	tcttcttggc	aaagatgtaa	acagcgcggc	agggtggga	cagcaggtcc	1020
aggtagagct	ccaggcccat	agtggggacc	gaccgacaaa	ttccnccgncn	ctggcctaag	1080
gtctcgatgg	nnntccattn	nnnccggggg	gcg			1113

<210> 5995
 <211> 876
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (329)...(797)
 <223> similar to gil399086 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5995

agtctgcgag	gaggaagtcg	cctctgtgcc	ccggagttca	gaggtctaag	acggcgcttc	60
cctctgtcgc	caaagttgga	gtgcagtggc	gcggctcctg	ctcactgcaa	gctccgcctc	120
ccggattcaa	gtgattcccc	tgcttagcc	tcctaagtag	ctgggattgc	aggtgcccac	180
caccacaccc	ggctaataatt	ttgtatttta	atagagactg	ggtttcaccg	tggtgaccgg	240
gatggactcg	atctcctgac	ctcgtgatct	gcctgcctaa	gcctcccga	gtgctgggat	300
tgaggcgctg	agccaccaca	cctagctgat	ggtgccaaga	acgaagaagg	aagctcctgc	360
ccctcctaaa	gccgaagcca	aagcgaaggc	tttgcaaggc	caagaaggca	gtgttgaaag	420
atgtccacag	ccacaaaaaa	aacaagatcc	acatgtcacc	caccttcctg	cggcccaaga	480
cactgtgact	ccggaggcag	cccaaatact	cttggaagag	cacccccagg	agaaataagc	540
tgaccacca	tgttatcatc	aagtttccgc	tgaccactga	gtaggctgtg	aagaagatag	600
aaaacaacag	cctacttgtg	ttcactgtgg	atgttaaagc	caacaagcac	cagatcaaac	660
aggctgtgaa	gaagtttgtg	acattgatgt	ggccaaagtc	aacactctga	ttcagtctga	720
tgagagagg	aaggcatatg	ttcgactggc	tcctgactac	gatgctttgg	ttgttgccac	780
caaaattggg	atcacctaaa	ctgagtcaag	ctggctagtt	ccaaatatat	gtatatcttt	840
tcaccattaa	aagaatctta	atctctcaaa	aaaaaa			876

<210> 5996
 <211> 3270
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3107)...(1381)
 <223> similar to gil87242 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5996

tttttttttt	ttggttcatt	ggaaaaggat	tttatttcac	cataaaaatg	caaactggaa	60
taaacaccat	ctttcctaac	gcgaacgta	cagctatttt	taggtatttc	tgagcttcac	120
ttggagaagc	aaacgattat	aaaacaagtt	tgagcctga	aatctgtttg	aaacattcca	180
agtaaaaaata	atttagcaaa	acagcttctt	aaaaaaacca	cacacactaa	cctttactag	240
aaaccaaagc	ttttaaccaa	tcttttttat	gcttaattcc	ttgacgttgt	aaaaagtga	300
tgtttttgaa	ggagcatcag	accattttgt	accactcccc	acataccgac	accttagaaa	360
gaacggcccc	tttgagtttt	gatcttaaa	gacttgtaac	ttcctcatcc	gtgactcaat	420
gtcagcacga	cgattcggca	tcccacccaa	actgcacttc	ctgatcagtt	aacattacaa	480
acggggggga	aagaatcacc	agggcaacgc	tttcttttca	gtgccagtgt	gactatggtg	540
gcccgtgcac	ctcctaggcc	gtgcacgcag	ggaggtcgcc	aagcagacac	agaaatcccc	600
atgtggggga	atgcagcagc	tctgccatcc	tcacgactgt	cggctctgtc	aattttcctg	660

actgagagag	gaccggccgc	attaaagcta	tcggatcaag	ttttaagga	ctacgtgttt	720
gaaactgaag	tgccaagtac	gctgcggtga	gtggagaaaag	atggatctct	aaagcatggg	780
gtcttccttc	ctgccggcgg	gctccgtgga	cattcgtggc	tgagaaggg	tcttggcttt	840
gcaggggtgg	acggagagcg	gccaaggagc	ggccaggagg	ctcgagcagg	tcctggtctt	900
tcccggacag	gccgtgggga	ggccgtgccc	gtcattacct	gttccaggta	ctgcggtgcc	960
tgctcgggga	ccgggagcgc	gaccgctcgc	ttcggcggcg	gtggcggctg	tgcttcctgc	1020
tggcgctgcc	cctccgctcc	cggctccgct	ccctccggtg	cctgtctttg	ctgtgggacc	1080
tccgggaccg	ggtgtggtcc	gggctcgtgc	tgccggcgcg	ggggctgtca	tccttgtagg	1140
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ggaatgcagg	agaggacgcc	gcccgggcac	ctcttctctg	gagagccatc	ctcggggacc	1440
acacgacagg	agctctgaac	ctccttgcat	ggggcctcct	cggccacgct	cccgttcacg	1500
cttttgagg	cgcgctcggc	ctctgggtgg	gccgggctct	ccttgggggc	accggccggg	1560
ggctggcccc	cgaggggggtg	cagcgtggtg	gcgctcacac	agccggacga	cacggtctgc	1620
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tgttcccgta	gcttcacagc	catgaggtaa	ggactgggct	gccacatgtc	tcaagcctct	1920
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agccggatgg	actgcagggt	cctctggggc	agcagcagct	tgcgctcctc	cagcttgatc	2040
ttctcctgca	gctgcttctg	ctcctccgcc	tgcagcttct	ccagcttctt	ctgattccgg	2100
cgcagctcac	ggtccctctg	cttctgctcc	ctcttgcgaa	gcttctcttc	tcttttcttc	2160
tctcgctcca	gctcttccag	ctccttttgt	ttcctttcct	ccgctcgctg	cctctcctcc	2220
gcttcttct	ctctgcgctt	ttgttcttct	ctttgctgct	ccagttcctg	aagcttctgc	2280
ctctccagct	gccgcttctt	aattgaggca	tcactcaggt	gtttggtcga	atcaaaagaa	2340
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cgcagggcgc	tcatggcctg	gatgaagccc	atgtactcac	ggtactgcac	ataggcctcg	2460
aagttcaagt	gccccccgaa	actgaagggt	tggaaagtgc	ggcccgtcat	ctcctcccg	2520
taggggtcca	gcatggggat	gtccacattc	cggatctccc	cgaacttctc	aaacaccttg	2580
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ttggcgctgc	ggaagaagga	gtcccagtcg	tggcgggtgg	ggaagtcgat	cttgaactcg	2760
gccgcgcgca	ccttcaggat	gtcggagaag	ccgctgagct	tgatggtctt	gccgtccagg	2820
caggccagaa	aagacttgac	caggctcttg	ttctccacct	ccccctcgaa	gcggatgaag	2880
tccatggtgc	tcttggaat	acgcagcgtg	gagaactggg	ggttctgcac	catgcccttc	2940
agcctctcca	tcacctcca	gttgagatg	gacttccccg	gctgcttcag	ctgcgggagt	3000
gccacgctga	tggatcatctt	ggtgatgggc	ttcaggtaca	agccgtaagc	agggcagagc	3060
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ggcctgcgcg	gggctccgcc	tgcgtcccag	gccgcgcgcg	ccgctggccc	aagctccgc	3180
cgccctcga	cgatccccgg	acaggcgcgg	cctcaccgcc	gggagccgcc	accgtcccc	3240
ggaggcgcc	ccgacgccgc	caccgcgcgc				3270

<210> 5997
 <211> 2599
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2398)...(756)

<223> similar to gill196425 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 5997
tttttttttt ttaaagaagg aagagggtttt ttattcggcc gggagcatca gcagactcgc      60
gtcttgagag ccgagctccc cgaaaaagaa attcctagcc ctttgaaggg cttacaactc     120
taaggggtct acgtgaaaga gtcataatag atcaagtaag tgtgaggaat gtgactgtgg     180
gctacctaca tcagctaaca gtacaaaaag ttttacagtg ctttctcata caatgtctgg     240
aatttacaga taacaccagt agttttggtc aggggttaat attattatca ttctaaccac     300
cagggccagg tgggtggcgcc aaggctcgtc agctatttat ctttcttctg tttctttcca     360
actttttgct ttctcccttt tctcctgtct tataaactag ggaaaagggg aggttgggga     420
gaaactgaga aggacaacag gagaagtggg ggtctcattc cctatttccc ccctttgaga     480
attttcactt tttagtggga gttctcactc tcactctcac tttttgagtc tctttgcgag     540
atagagcgat agtgattcat ataattcacg tgtgctgaag ttttctgatg aaccaaagta     600
gcaacaatac cttttatcat ttgaaaaagc aagggtaata cacaggggag cagcaagcaa     660
gttcttatta cttagcaatac acctacaatg agggttttaa atcctcctat agctggaaac     720
cattttccaa ataaagactc aggatcaaac ttgtgccaaa cctgtatagg cacatgtgcc     780
aactttgtca tgtccctgac tatgttttta accacctgtc cttgatcatt tattttagg      840
cagcaattgg ttaagttaaa ttttctacaa actcctcctt cagctactag caagtagtct     900
aaggccagtc tattctgata gatagcattc ctcatattggg tttcttgcca agctaaaaca     960
gtcaaagctc tgccagtttc attagaaatt atttctaaga tggcctgcaa ccgtatgac    1020
caattgagca tgtagatggg ttcggtatcc ccattgagcca tcttgtgcc atgtggcagg    1080
cccataatac tgaatgatcc tttcacgggg ccactcatta tctttccagt ttctataaac    1140
tatgcctttc ttttctcggg aggcgtagac agagaaacct agcagctcac ccatttttat    1200
gggtaataag aaaaaggatg gcttaatagt gccataaaca caactgtctg cccattttatt    1260
aggtaaccga aagtaggctc tgtgcctaca tatctagtat agtccagagg gaactgtcca    1320
gtcctaatag gattctgcat gagcctaagc agtttttaat ttagaaaatt tactaaatgg    1380
attcttttca gtgtggttta ggtcctacta agtaattgtc tttgttgtgc tgttatacaa    1440
cttctgtcct atacaattag gctttcctac agggatgata aagtctttcc cttctctagc    1500
tatacagtat tgtctaataa ttgaggtttt taggacctag aagttgctag cttcggcctt    1560
ctaaattgga attatatcag gagctggatc agtaggcacc aactctcagg cttcccaagg    1620
ccatctgtct ccgatatggg ttcctccgcg tacataacaa gaagtacat taagtaagaa    1680
aattacattt tctgctaatt ggagaaacaa attttttgtc tttttcagaa gttctggtgc    1740
tggcagattc agtcctcat aaaaggtttg aaatactggg ttgggagagc acttgtggac    1800
ctccccttta attaaaatga caacttgagg ttttaaccct gtcctattga tcccagggt    1860
tacacgttct ccctttttcc aatggggatc taggggattg gtaattatta gttctagtgg    1920
gttacagtga ccggcagcac aggagggggt ggcttctccc ttctgaagat aaaccgagtc    1980
atttttgttc tttttttaag tagcctaaat aacacatggc caataggcac aatttttaca    2040
aaccctgac tcatgacaaa catatttatt ttctactctt tagctccttt ctcatgtaag    2100
agaaccacat cctattttcta gctttttact attaattggc gcacaagcat caaatcttaa    2160
agttatttgc ttggggattt ctttttcttc tgttctagtt attattttac ttgtatcacc    2220
tagcaaaaagg ccagtctta tttcaaaaac ggtggttgca gcgggctcag atgggttata    2280
acacgcatca ggtcgggtcat ttctcgggct acataccttg tactgagtgg cattatacaa    2340
acaagtttcc ttttaatgtt tccatacatt tcataataac tatagaacag aaagattggg    2400
tttaaatgtc cggtcctact tcgggggacc tggataaata cactggggaa cagtccccag    2460
tttgagtaag atcagttgaa gcccttactg tataagtcca aaatttaaga aaaatgaatc    2520
tcatgatgag cttcttcagg cttcggcgtg cgtggaccag tcagcttccg ggtgtgactg    2580
gagcaggggt tgtcgtctt

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<210> 5998

<211> 767
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (176)...(552)
 <223> similar to gi5912179 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5998
 ggtggtgctg ctgctatgag ctgcaccatc gagaagatcc tgacagacgc caagacgctg 60
 ctggagaggc tacgggagca cgatgcggcc gccgagtcgc tggaggatca gtcggcggcg 120
 ctgcaccggc gggtagcagc tatgcgggag gcggggacag cgcttcggga ccagtatcaa 180
 gaggatgcat ccgatatgaa ggacatgtcc aaatacaaac ctcacattct gctgtcccaa 240
 gagaacacac agattagaga cttgcaacag gaaaacagag agctatggat ttccttggag 300
 gaacaccagg atgctttgga acttatcatg agcaaatatc ggaaacagat gttacagtta 360
 atggttgcta aaaaagcggg ggatgctgaa ccagtcctga aagctcacca gtctcactct 420
 gcagaaattg agagtcagat tgacagaatc tgtgaaatgg gagaagtgat gaggaaagca 480
 gttcagggtg atgatgacca gttttgtaag attcaggaaa aattagccca attagagctt 540
 gaaaataagg aacttcgaga attattgtcc atcagcagtg agtctcttca agccagaaag 600
 gaaaactcaa tggacactgc ttccaagcc atcaaataac tgaactctga atgatggctg 660
 gagattgtct atcaaggaag gaagttactg tcttccatt caagtactgt ccattaagtg 720
 tcttgctca gatttgattt aatcttaatt aaaggtatca ggtggca 767

<210> 5999
 <211> 495
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (408)...(46)
 <223> similar to gi2367264 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 5999
 catatgacca tcgattcgag gtccggtgcg ttacattgca tcgactggaa tgacactgcc 60
 ctgtccccac ccaacttact tgccttgca caccatttcgc acttcgctca tggcactgat 120
 aagccgtggg tcgtagtcac ttccagcac ccattgcagt acgtcagtg cgaggtaatt 180
 ccactggta cgcggtgcca caaacgcccc gcgataacgt ttcatttcaa tcagccgctt 240
 cgccatcagc gaacggaaca cctcacggat gatgttgccg gaggttgcaa actcctcaca 300
 gaggttccgc tcagccggaa gcggcgagcc tggcacgtat ttgccgtgac cagatctgtt 360
 taccagggt aatggcaatg cgttcggtt tattgagagt catggagagt ccttgtgtc 420
 ggtatgttct tctctacttt ccccgatcg atgcataacg cggcatctt gtagtgccag 480
 cgtgatcacg ttcgc 495

<210> 6000
 <211> 1059
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1006)...(373)
 <223> similar to gil491702 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 6000
gtttccttat ttgttaaatgt ttttcttttt ttaaatacgt ccttgaggag cagtgcataac      60
tcttaggcag tgcagctgag ctgtcaacaa ctactgttat acagagaaca taagaatggg      120
taattagagg aggtaggata ttgttggtgc agctatatta tttaaaattg gtggaagtcc      180
aggccgagca ccgcggctca cacgtgtgat cctcaagaat ctaacacacg aggagcgtga      240
ccagtttcta aggggaactg tgcacacaga cccagagggc accttactaa actcaggagc      300
aacagagtga gcatgtgtct cctctgacct ggctaggaga cagatccagg catagaccct      360
ctgggctgct gtgggttcag ccaactggagg aggagatgga tccaggcata gacctgccag      420
gctgctgatg gggttcagcca ccggggggaga cggacccagg catagaccgc ccaggctgct      480
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gggttcagcca ctggggggaga tggatccagg catagaccgc ccaagctgct gtgggttcag      600
ccaactggagg agacggatcc gggcatagac ccgcccaggc gctgtgggtt cagccactgg      660
aggagacgga tccgggcata gacccgccag gctgctgggg gttcagccac tgggggagac      720
ggatccgggc atagaccgcg caggctgctg tgggttcagc cactggggga gacggatccg      780
ggcgtagacc cgccaggctg ctgtgggttc agccactggg ggagacggat cggggcatag      840
accgcccagg ctgatgtggg ttcagccact ggaggagacg gatccgggca tagaccgcc      900
aggctgctgt ggggtcatcc actggaggag acggatccgg gcatagacc gccaggctgc      960
tgtgggttca gccactggag gagacggatc cgggcataga cccaccaggc tgctgggggt     1020
tcagccactg ggggagacgg atccaggcat agtcctttt      1059
  
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<210> 6001
 <211> 2055
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1440)...(838)
 <223> similar to gi3875538 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6001

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atattggtag	tacctagggc	atagcactgc	tgggacaatt	cagtgatattg	gggactgatc	300
tccatatcaa	gatgacctga	tcctgtctgt	gtgcgggaca	gtggctagca	cggagccctt	360
gttaggcccc	cctaccatct	gacctttctc	aaaccttccc	gtctgaggac	atctgcatgc	420
acacttgccc	ctccaatgct	gtctcactct	ggatggccct	gacacctgag	agggcagaca	480
gccaaagtgt	ttctaggacc	tttgtgattc	taggcctggg	ttcctgtttc	atcttctgcct	540
ctgatggccg	agtggccttg	aggaagcaac	atctttccag	gcctcctttg	acccacttca	600
ctagttcatg	gggccatctg	aggatccaac	ccggtgtcag	gcacttcgct	cgggcctgac	660
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gggggttggg	gtggg					2055

<210> 6002

<211> 6655

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4793)...(988)

<223> similar to gil89036 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6002

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<210> 6003
 <211> 2462
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (727)...(2123)
 <223> similar to gi4378022 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 6004
 <211> 4652
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (939)...(1912)
 <223> similar to gi495568 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 6005

<211> 3156

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (92)...(2052)

<223> similar to gi485123 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 6006
 <211> 3143
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (104)...(2945)
 <223> similar to gi33985 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6006

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<210> 6007

<211> 1622

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1381)...(849)

<223> similar to gi4335943 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6007

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atggctgctg	tgctgtgtct	gatactgaag	cctgcacatc	ttctgtttca	ggtagtctt	1080
tgccacaga	tgtactgtcc	aattgagaag	atgctacaga	ttctgataaa	agttagctgat	1140
ttgatacagg	gctgggctgc	atagatgaag	atgtagagtc	taatgctgac	tggtcttctg	1200
gcacactgcc	atctgtgcat	tgaacagggt	ggcttattct	accattacta	ctattctgtc	1260

tttgaagatg	ttcttttatag	catactgaac	acatgccatt	tgtacgaggg	tttccataaa	1320
atccacagcc	agtggaacaa	agcataggca	cttggctgtg	attagtttct	tgagccatgt	1380
tcctcagttg	cacacccaag	ttcccccttct	ggtaagcagc	taagtcagtg	tcttttgatc	1440
tggcggcggg	tctctccgcc	tgacacgctg	cgcgccgccg	ccggtagccg	ccggtgaatg	1500
ggtacaggta	atgccgccga	acccctgctt	gcctccgtcc	gccaccgccg	gcccctccgt	1560
ccgctgttta	ttaaactttt	ctgttttggt	gttcggccta	tgacgcgacc	gcgctcgtgc	1620
cg						1622

<210> 6008
 <211> 1081
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1082)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (133)...(684)
 <223> similar to gi5360235 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6008	
aaactacatt	60
caggatgaag	120
gttggccctg	180
gtggggatgg	240
ctacaagatg	300
caatatgtgg	360
tgtgacacaa	420
acatgggaag	480
aaccggaaca	540
atctcgccag	600
tatgtttgag	660
gaaaatgcac	720
ggccatgacc	780
agataagggc	840
gccttatttc	900
ttacctagtc	960
aattgttcta	1020
atgggtatgat	1080
a	1081

<210> 6009

```

<211> 1630
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (274)...(1333)
<223> similar to gi311833 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6009
gtctaaacac ttctttccct gaggactgga agacattaga ataagctcca gacaattcaa      60
acattgagat tcctgggaac taccagatag tagcatcagt tcaccaagaa atgaagctgg      120
tgaggcagtg aaaatccagg gcctagaaaag ctgggaatgc catgacgtgg gcacattgaa      180
agacaagagg caggcatgat cagccttgaa ctttaggaag atcccaggaa gctgatggaa      240
gacaagatgt ggagtgaatg tgaagggtcca gaaatgtcct tgggtgtgtct gacagacttt      300
caggcccatg cgcgagagca gctgtctaag tcaactcggg attttattga aggtggagca      360
gatgacagca tcacgcggga tgacaacatt gcagcattta aaagaattcg cctccgtccg      420
cggtacctga gagatgtgtc tgagggtggac accagaacca caatccaagg ggaggagatc      480
agtgcacctt tttgtatcgc acccacaggg ttccactgcc ttgtctggcc tgatggggaa      540
atgagcacag caagagctgc ccaagcggct tggatatctgc tacatcacca gcacatttgc      600
cagctgtagc cttgaagaca ttgtcattgc agctcccgaa ggccctccgat ggttccaact      660
ctatgtgcat ccagacctgc agctgaacaa acagttgatc cagagggtag aatccctagg      720
tttcaaagct ttggtaataa ctttgatac acctgtatgt ggcaacaggc gacatgacat      780
tcgaaaccag ttgaggagga acttaacact aacagatctt caatcaccta aaaagggaaa      840
tgcaatacct tatttccaga tgactcctat cagcacttct ctctgctgga atgatctctc      900
ctggtttcag agcataactc gattgcccac catcctgaaa gggattttga caaaagagga      960
tgacagagtt gctgtgaagc acaatgtcca gggatatcatt gtttccaacc atggtgggag     1020
gcagcttgat gaggttcttg cttcaattga tgctttgaca gaagtgggtg ctgctgtaaa     1080
ggggaaaatt gaagtctacc tggatggcgg ggtccgaact ggcaatgatg tgctgaaggc     1140
tctggccctt ggagctaagt gcatttttct tggagacgca atcctatggg cccttgccctc     1200
caagggtgaa catggtgtta aggaagtttt gaacattttg acaaatgagt tccacacttc     1260
catggccctt tacaggctgc cggtcggctg ctgagatcaa tcgaaacttg gtccagtttt     1320
ccaggctgta agaaaaaagg gccaaataacc agactgctga ggttgcccac agaaggatcc     1380
ccaaattcca gcaccagtgt gtgatgctgt ccttcctgga cccattctg tccggaggct     1440
catggcccat atttcccaca tttctaatac caccacctt gtgcttcagg cctccaaac     1500
ccctgtgttc cccaaatggt ccatgccctt ctttgtatca ctgactatta tatgttgctc     1560
tcttgccata atcttcctct gaagtaaaag atctcaaaag gacagatcat taatgactgg     1620
aaaaaaaaaa                                     1630

```

```

<210> 6010
<211> 369
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (44)...(355)
<223> similar to gi4877550 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6010
agtccactgg catcttcatg accatagaga aggctggggc tgacttaatg ggggagccaa      60
aagggtcatc atctctaccc cctctgctga tgccccata ttcataatgg gcatgatccc      120
tgagaagtct gaaaacagcc tcaagatcat cagcaatgcc ttctgtacca ccaactgctt      180
aatcccccg gccaagcccat ccatgacaac tttggcattg tggaaggact tgtgaccaca      240
atccatgctg ccactcctgc ccagaagact cgatggcctc tgtgggaaac tgtggcatat      300
gtctgtgggg ctctccagaa catcatccct gcacttactg gtgttgccaa ggctgtgggc      360
aaggccatc

```

<210> 6011

<211> 3340

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (21)...(2213)

<223> similar to gi3043738 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 6011
ttccgtcccc gagcatcacg ctgggagaag acttcgccgc tcggggccgc agcctgttg      60
gcaaggcgag catcatggcc tcggattgcy agccagctct gaaccaggca gagggccgaa      120
acccccacct ggagcgctac ctgggagccc tccgtgaggg caagaatgac agcgagcagt      180
ttgcagccct gctgctagtg accaaggcag tcaaagcagg tgacatagat gcaaaaactc      240
ggcggcggat cttcgatgct gtcggttca ccttcccaa tcgtctctg accaccaagg      300
aggcgccgga tggctgcctt gaccatgttc tgcgggcttt ggggtgtggc ctgctggcct      360
gcttctgcag tgacctgaa ctggccgccc atccccaaat cctgaacaag attcccattc      420
ttagcacctt cctcacagcc cggggggacc cggacgaatg ctgcccgcg ctccatgatt      480
gatgacacct accagtgcct gacggctgta gcaggcacac ccagagggcc tcggcacctc      540
attgctggtg gcaccgtgtc tggcctatgc caggcattcc tggggcacgg gtatggcttt      600
gaccaggccc tggcactcct ggtggggctg ctggctgctg ccgagacaca gtgctggaag      660
gaggcgagc ccgacctgct ggccgtgttg cggggcctca gtgaggattt ccagaaagct      720
gaggatgcca gcaagtttga gctctgccag ctgctgcccc tctttttgccc ccgacaacc      780
gtgccccctg aatgctaccg ggatctgcag gccgggctgg cagcctcct ggggaagcaag      840
ctgagctcct ggcagcgcaa ccctgcactg aagctggcag cccgcctggc acacgcctgc      900
ggctccgact ggatcccggc gggcagctcc gggagcaagt tccctggcct gctggtgaat      960
ctggcgtgcy tggaaagtgc gctggcactg gaggagacgg gcacggaggt gaaagaggat      1020
gtggtgaccg cctgctatgc cctcatggag ttggggatcc aggaatgcac tcgctgtgag      1080
cagtcactgc ttaaggagcc acagaagggt cagctcgtga gcgtcatgaa ggaggccata      1140
ggggctgtta tccactacct gctgcagggt gggtcagaga agcagaagga gccctttgtg      1200
tttgccctcg tgcggtacct ggggtgcctg ctggccgagg agacctcatc cttgcgtaag      1260
gagggtgtgc agctgctgcc cttcctcgtc cgctatgcca agacctcta cgaggaggcc      1320
gaggaggcca atgaccttcc ccagcagggt gccaacctgg ccatctcccc caccaccca      1380
gggcccacct ggccaggaga cgctctccgg ctctcctgct ctggctggtg ccacctgacc      1440
gttgaagatg ggccccggga gatcctgac aaggaagggg cccctcgtc tctgtgcaag      1500

```

tatttcctgc	agcagtggga	actcacatcc	cctggccacg	acacctcggt	gctgcctgac	1560
agcgtggaga	ttggcctgca	gacctgctgc	cacatcttcc	tcaacctcgt	ggtcaccgca	1620
ccggggctga	tcaagcgtga	cgcttcttcc	acatctctaa	tgaacaccct	catgacgtcg	1680
ctaccagcac	tagtgacgca	acaggggaagg	ctgcttctgg	ctgctaattgt	ggccaccctg	1740
gggctcctca	tggcccggt	ccttagcacc	tctccagctc	ttcagggaaac	accagcatcc	1800
cgagggttct	tgcagctgc	catcctcttc	ctatcacagt	cccacgtggc	gcgggccacc	1860
ccgggtcag	accaggcagt	gctagccctg	tccctgagt	atgagggcat	ctgggcccac	1920
ctgcaggagc	tctggttcct	gggcatgcag	gccttcaccg	gctgtgtgcc	tctgctgccc	1980
tggctggccc	ccgctgccct	gcgctcccgc	tggccgcagg	agctgctcca	gctgctaggc	2040
agtgtcagcc	ccaactctgt	caagcccagag	atggtggccg	cctatcaggg	tgtcctggtg	2100
gagctggcgc	gggccaaccg	gctgtgccgg	gaggccatga	ggctgcaggc	gggcgaggag	2160
acggccagcc	actaccgcat	ggctgccttg	gagcagtgcc	tgtcagagcc	ctgaggggtg	2220
tccaccgggg	acagaccag	gggcgggcag	agaggggaagg	agggaggagg	catcttccct	2280
gaagccccca	atctggcccc	ccccccccca	gacttcctcc	ccaaaacacc	ccagctttct	2340
ggcttttctg	agggcaagg	catggtgccc	acccctcaag	tgtaaagaaac	tgcgttccgc	2400
ccctcaggcc	cccattggggg	cagggatcgg	cttggaatc	aacgtggttg	tccccgccag	2460
gccggggaag	gttgagcag	ccccaggga	ggggggcact	aggtgtcatt	gtgcccgatg	2520
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ctcagcccat	gtgccctgcc	ggccagggcg	tgggctcccc	tcggctgtgg	tgcctcctct	2640
ggccccccag	gtccacgtcc	tttaaattgg	ccctttggct	cttgcccttg	gctcccttgg	2700
gcagacagca	ggcttaggcc	attgatatcg	cagttcttcc	tatcagcttc	agtgacccag	2760
ggtctgaact	gcctccatcc	tagggcaacc	tggggcagac	aggcctggtg	gggggtgggg	2820
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aacctttgtg	tctgtttgca	gcagagtgc	gatgggggtt	gggggggttat	ttattttgcc	2940
tgtccttatc	cctgcttggg	cacctgagca	tctgattcct	gtccccctgg	tgccatctgg	3000
cctggctgga	gccaggaaca	ggagggaac	ttccccagaa	tccgcatgtt	tccccagtga	3060
ttacactcca	ctgccaccgt	ggtgcctggc	tttaactccc	acccctgcta	tgactcctct	3120
ctgcagagac	gcgactggcg	gctccagcag	ggactacctt	tcttataaac	ccagggggac	3180
cacacacaca	cacacacaca	cacacacaca	cacacacaca	cacacacaca	cacactcttg	3240
atcccttget	tccctcccc	agtgcgttgt	gagatcgcca	agttcaaagc	tgtgcacatg	3300
tggacactca	ataaatgttg	cattggtgaa	aaaaaaaaaa			3340

<210> 6012

<211> 1310

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (79)...(951)

<223> similar to gi443919 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6012

gttaaaaagg	cggctgggcg	gagccgcggg	cctccgacgg	cgaggaggaca	gcgctgcgag	60
gaggcgcccc	ggacagtcac	ggagcgccgc	ctgggagtga	gggcctgggt	gaaggagaac	120
cggggtcctt	tccagcccc	ggtctgcaac	aagctcatgc	accaggagca	gctcaaagtc	180
atgttcgtcg	gaggccccaa	caccaggaag	gactatcaca	tccaagagg	tgaagaggta	240
ttttaccagc	tggagggaga	catggttctc	cgagtctctg	agcaagggaa	acaccgggat	300
gtggtcattc	ggcagggaga	gatattcctc	ctgctgcca	gggtgcccc	ctcaccacag	360

aggtttgcca	acaccgtggg	gctggtggtt	gagcgaaggc	ggctggagac	cgagctagat	420
gggctcaggt	actatgtggg	cgacacccatg	gacgttctgt	ttgagaagtg	gttctactgc	480
aaggacctcg	gcacgcagtt	ggcccccatc	atccaggagt	tcttcagctc	tgagcagtac	540
agaacaggaa	agcccatccc	tgaccagctg	ctcaaggagc	caccattccc	tctgagcaca	600
cgatccatca	tggagcccat	gtccctggat	gcctggctgg	acagccacca	cagggagctg	660
caggcaggca	caccactcag	cctgtttggg	gacacctatg	agacccaggt	gatcgcttat	720
gggcaaggca	gcagcgaagg	cctgagacag	aatgtggacg	tgtggctgtg	gcagctggag	780
ggctcctcgg	tggtgacaat	ggggggacgg	cgctgagcc	tgggcccctg	gatggacagc	840
ctcctggtgc	taagctgggg	accttcgtat	ggcctgggga	gcgaacacaa	ggctctgtgg	900
cctgtctgt	gaccccagga	cctgcctgc	aaaaaaagcc	cctggggtga	accctcttgc	960
catggcctga	aagcagccac	aggtgtgcca	agcaccctcg	aagtgccatc	cctgccaaac	1020
aactctccca	gccccacta	cctctctgtg	tactgccgct	gtgtcccca	cagacctgca	1080
cattgttgtc	accaccctc	ctgcccttct	cagcccagat	gccatgcccc	tgggcgggca	1140
gcagctcccc	atcttctctg	gcagactcag	cccactgcct	tgccagtctt	gccaggtggg	1200
ctacccccgg	ccccgctcct	gcccatctct	ctgtccctgc	agactcagtg	cagcacttcc	1260
acaccaagaa	ggccctcaat	aaaggcttcc	tgaggaacgc	aaaaaaaaaa		1310

<210> 6013

<211> 428

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (20)...(228)

<223> similar to gi3093371 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6013

ggacagatgc	ctcatgttga	agcagggggtc	tcaacctggc	tcacctccag	caacattgag	60
cctccagcac	ctcctgtcta	ccaagccccg	tgccagtcct	gcccagaacc	cccaggagcc	120
catgagccct	ctgactctcc	acaccatacc	ccagtcctatc	ctcctccaga	gcactcggcc	180
gcctgtcctg	ccccagccac	gtgctgtccg	cccccgagaa	gtctctatgtc	ataaatctta	240
actcagatgg	gagaggggagc	ctcagagtca	catagccctg	ggcccaaacc	ccagctcctc	300
cacccaagta	ctgatgggtca	ggttcttcag	cctcagtttc	tgtagctgta	agatggggag	360
aatgatctct	gggaggggtta	aatgtgcggc	aaaatggcca	agagttgggc	tctgggacta	420
ggaccatg						428

<210> 6014

<211> 376

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (339)...(163)

<223> similar to gil054887 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 6014
gtgtaagtca gagtgaagcc ttttacactc tgccctcttg gtacctgagt ccttgtctgg      60
catccaggaa ggataaggtc acacatggac ttgaggggtg tgaatgcaga ggttttattg      120
agtgatggaa gtggctctca gcaggatgat ggggaagctg gaaaggggat ggagtgggaa      180
gatgatcgtc gcctggaatt cggccatcct gtgaccgatc tcctctccag ccatccccag      240
ccaaactcct ctcaatgttc agatgctcct tctcttctcc tctgccatgc cattctgctg      300
ctcttctgtt ctgctcttct gcttgtggag cctggggggt ggggtttcaa tgggtacagg      360
ataagggggc gtggtg                                     376

```

<210> 6015
<211> 2372
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (238)...(1624)
<223> similar to gi3133134 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 6015
attcggggca gcaacgcgca gaaggtggtg ggcgcctcgg gctcgggggg cgcgggcccc      60
caacccgatc cggcgggccc ggggggcgtc ccggcgctgg cggcgccgt cctgggcgcc      120
tgcgagcccc gctgcgcgcg gccctgtccc ctgcccgcgc tcagccgctg tcggggcgcg      180
gggtcgcggg ggtcgcgggg cgggcggggg ggcgcggggt ccggggacgc cgccgcgcc      240
gccgagtgga tcgggaaggg cagcttcac cacaaccgc cgacggctg gctacacccc      300
gacgccaggg tcctggggcc cggggtctcc tacgtcgtgc ggtacatggg ctgcatcgag      360
gttctccgct ctatgcgtc cctggacttt aacacgcgca cgcaggtgac caggggaagcc      420
atcaaccggc tccatgaggc cgtgcctggc gtccggggat cctggaagaa aaaggccccc      480
aacaaggccc tggcgctcgt cctgggcaag agcaaccttc gctttgccgg catgagcatc      540
tccatccaca tctccactga tggcctcage ctctccgtgc ctgccacgcg ccaggtcatc      600
gccaaaccac acatgccgtc catctccttc gcgtcaggcg gagacacgga catgacggat      660
tacgtggcct acgtcgccaa ggaccccatc aaccagagag cctgccacat cctggagtgc      720
tgtgagggcc tgggcacaga gcatcatcag caccgtgggc caagctttcg agctgcgctt      780
caagcagtac ctgcacagcc cgccaaaggt ggcgctgccc ccagaaaggc tggcagggcc      840
ggaggagtgc gcctgggggg acgaggagga ctctttggag cacaattact acaacagcat      900
cccggggaag gagccgcgcg tgggcgggct agtggactcc aggctggccc tgacacagcc      960
ctgcgccttc acggccctcg accagggcc atctccttct ctaagagatg cctgcagcct     1020
gccatgggac gtgggtcca ccggtacagc tccaccgggg gacggctacg tgcaggcgga     1080
cgcccggggc ccccggacc acgaggagca cctgtatgtc aacaccagc gtctggacgc     1140
ccccgagccg gaggacagcc caaaaagga tctgtttgac atgcgacct ttgaggatgc     1200
cctgaagtgt catgagtgtc cagtggcggc aggcgtgaca gcagccctc ttccttggga     1260
ggaccagtgg cccagcccc ctaccgcgcg ggcctctgtg gccccacgc aggaacagct     1320
gcgtcaggag ccctggtacc acggccggat gagccgcgcg gcggcagaga ggatgcttcg     1380

```


agctgacggg	gacttccttg	tgcgagacag	cgtcaccaac	cccgggagc	atgtcctcac	1440
cgcatgcac	gccgggcagc	ccaagcacct	gctgctcgtg	gaccccgagg	gcgtgggtacg	1500
gacgaaggac	gtgctgtttg	agagcatcag	ccacctgacg	gaccaccacc	tgcagaacgg	1560
gcagcccatc	gtggccgccc	agagtgcgct	gcacctgcgt	ggcgtgggtct	cacgggagcc	1620
ctgagccagg	tgaccgttct	cagccctggc	tcctgcctgt	tctcagcccc	ggctcctgcc	1680
tgatcatggc	ttggggctct	cagccctcct	cctggatcct	ggtcaggccg	aaccaccgct	1740
gcctctcctt	cctccgcatg	agcctctggc	atggtccttc	ctccagctgg	ccccgggctg	1800
ggcagagcct	cctcctgccc	gggcccctgc	ccacccccctc	ctttgcctgg	agtgaggggtg	1860
ttcataccaa	agacggaacc	atttcgcctt	taaagaaaat	atatccagaa	gcagccgctg	1920
cctcggagcc	ctggcccgtg	ggccccctc	tcgcctggct	ggttcgggtct	aacgccccgg	1980
agagtgcag	ctcccaggac	cctggggagg	aggcggattc	cgggcctggc	tgggcttctt	2040
cttccacct	gaggactggg	tgcacagttg	tctttgaggg	gggacgctta	aggtgctttg	2100
gggtttctcag	gccaggatac	atgctggcgc	tgaagtgcag	gcagccttga	ggtcacctgg	2160
gatctcgggg	tagccaggct	gctccaagac	agtggatatac	gaggcagtcg	tgaggccccct	2220
actccacctg	ggagcagggg	aaggacgtgg	ttgcctggcc	tgggctgcgc	ccagcagctt	2280
cccccaatc	ctgccctccc	agctgtcgac	ccagatggga	tgttcggatc	ggtttgaat	2340
taaacctggg	aatggccaca	agaaaaaaa	aa			2372

<210> 6016

<211> 2667

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (20)...(983)

<223> similar to gi31336 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6016

gggggggggac	agtgtctggga	tgactatgga	gacccaaatg	tctcagaatg	tatgtcccag	60
aaacctgtgg	ctgcttcaac	cattgacagt	tttgctgctg	ctggcttctg	cagacagtca	120
agctgcagct	ccccaaagg	ctgtgtgaa	acttgagccc	ccgtggatca	acgtgtcca	180
gggaggactc	tctgactctg	acatgccagg	gggctccgca	gcctggagga	gcgactccat	240
tcagtggttc	cacaatgggg	aatctcattc	ccacccacac	gcagcccagc	ttacaggttc	300
aaggccaaca	acaattgaca	gcggggagta	cacgtgccag	actggccaga	ccagccttaa	360
gcgacctgt	gcactgtact	gtgctttccg	aatggctggg	gctccagacc	cctcacctgg	420
agttccagga	gggagaaacc	atcatgctga	ggtgccacag	cctggaggga	caagccctct	480
ggtcaaggtc	acattcttcc	agaatggaaa	atcccagaaa	ttctcccatt	tgatcccccac	540
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aggctacacg	ctgttctcat	ccaagcctgt	gaccatcact	gtccaagtgc	ccagcatggg	660
cagctcttca	ccaatgggga	tcattgtggc	tgtggctcatt	gcgactgctg	tagcagccat	720
tgttgctgct	gtagtggcct	tgatctactg	caggaaaaag	eggatttcag	ccaattccac	780
tgatcctgtg	aaggctgccc	aatttgagcc	acctggacgt	caaatgattg	ccatcagaaa	840
gagacaactt	gaagaaacca	acaatgacta	tgaacagct	gacggcggct	acatgactct	900
gaaccccagg	gcacctactg	acgatgataa	aaacatctac	ctgactcttc	ctcccaacga	960
ccatgtcaac	agtaataact	aaagagtaac	gttatgccat	gtgggtcatac	tctcagcttg	1020
ctgagtggat	gacaaaaaga	ggggaattgt	taaaggaaaa	tttaaattgga	gactggaaaa	1080
atcctgagca	aacaaaacca	cctggccctt	agaaatagct	ttaactttgc	ttaaactaca	1140
aacacaagca	aaacttcacg	gggtcatact	acatacaagc	ataagcaaaa	cttaacttgg	1200

atcatttctg	gtaaatgctt	atgttagaaa	taagacaacc	ccagccaatc	acaagcagcc	1260
tactaacata	taattagggtg	actagggact	ttctaagaag	atacctaccc	ccaaaaaaca	1320
attatgtaat	tgaaaaccaa	ccgattgcct	ttatttttgc	tccacatttt	cccaataaat	1380
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ggtgctatct	tggctcactg	caaaccgcgc	tcccaggttt	aagcgattct	catgcctcag	1560
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tggtttctgc	cttctccatg	ctgagaacaa	aatcacctat	tactgctta	tgcagtcgga	1860
agctccagaa	gaacaaagag	cccaattacc	agaaccacat	taagtctcca	ttgttttgcc	1920
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ctgcaccttc	tgtgcctcag	ccgttcttga	catcaagaat	cttctgttcc	acatccacac	2160
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gactaacctc	taacaacaaa	ttaaaagtga	ttgtttcaag	gtgatgcaat	tattgatgac	2340
ctattttatt	tttctataat	gatcatatat	tacctttgta	ataaaacatt	ataaccaaaa	2400
cattctgttt	accttttcag	ggctgtattg	attgggggtg	agactgaact	atccggggtc	2460
tgtttctttt	cggtgatgaa	agtcttgaga	aggtagtaat	ggataagatg	tgaggagag	2520
gagagagga	gatttgaggt	gtagggtgag	tgccctctt	cttagaactg	aatactcttc	2580
ttctaataaa	cttgatttct	tgtttccatg	tcttcttccc	tttcttctta	tagcaaataa	2640
agcattcact	ttgttttgga	aaaaaaa				2667

<210> 6017

<211> 1989

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1376)...(691)

<223> similar to gi4929649 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6017

cctttttttt	ttttttaaca	tcaaatttgg	tttattttcaa	gtttgtaaca	aaatatattc	60
taggcaactt	ttcagacatt	gttttatagc	atcataaacc	ccataccact	gctgtcattc	120
caaaagctgc	caggacactg	gaagttatca	agtgggtccag	cccaggaata	caggtagaat	180
tcacatgata	ggtgataaga	aagcaatgtc	tgtggggccac	tctgatccct	ctttttacct	240
tggtaggtaa	ggtatgatct	taagactata	tgtactgagt	cctattagtc	agtgaaaaag	300
attaaagtga	caagttatgt	gctttgttcc	tatagctttg	aagttcatcc	acctcaccag	360
caattggaag	gtctcaggtc	ttgcaggctc	tacccatgtg	taatcctggg	gcagggtgtga	420
atcttgattt	ttttaagaga	ttactcaagg	gagagaacaa	cagaaacgga	agccatgagt	480
actgccccaa	ttctagatta	ggtttagagg	tagaataaat	taactaatgg	ggagtggtag	540
tgggtagcag	tcagaccag	gagacagatt	tgtgtgggtt	cctgatctca	gcaaggctta	600
aggaaaaaag	cctccccgcc	ccccacctt	aaatagtggc	atcaagtcac	gaaggccagt	660
gaaacgtggt	tagtctcgta	aaatgacttc	cagttcttcc	aggtecttct	ggatagccaa	720

atcctccttc	gtgacatctg	gcagctccag	ggccaacttc	atccaccatc	tagcttcaga	780
gtttttccct	agttctctgt	agcacttgga	aatatatacc	cttcctgctt	tggaaaatcc	840
tggctgtagt	tcttcagcct	ttaggaagct	ctggagggca	tcttcacag	tggcactgag	900
agggttttca	agcaaggctg	tagcagtttt	tttttctagc	cagctcaggt	gagagacctg	960
atagcaccac	ctgccaagaa	gaaagtgagc	catggggttt	tctggctgga	gagcaatggc	1020
tttgtccaca	tgctccttga	agctaaagcc	actctggatg	cgctctgga	tgctctcatg	1080
ctcagccagc	tgaccacaaa	gcaccgcata	ccacaggtga	caagtcagca	ctcttcatcc	1140
cccttctcca	gagcagcctc	tgcttcttct	tttccatcta	gggcatatga	cttcttctcg	1200
ctcacctcct	cagtgaagctc	acacatgtca	ctgtaggctc	gggccaggcg	ccagagaaag	1260
tcctgccggc	ttccatacac	cagcttggtg	ttgagcagca	gctggaagcc	ctcccgttgc	1320
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aagtcaagag	aatcctttct	ccccatcttc	acagtctcac	agctcacttc	atcttccccg	1500
tcctcacttt	ctttgtcaga	gtcccgtcca	ttgtcagact	ccgcattggc	tggtgtgtaa	1560
cccccttcac	tctcagcatc	tgtgaacgtg	gctcccagg	aggccgtgaa	gtagacagag	1620
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gtcccatcca	gcttgtcttt	ctgtccacca	tggggtgctt	cttactactg	ctcctcatta	1800
aagggtctaaa	agcagagaaa	atcctaagtc	tctaaccctc	aggaggggcaa	gcaggggcagc	1860
ttcctggggc	cagcccgcac	agacagacta	ggttaggcaa	acagagcgct	tcagtgctta	1920
caacagatca	accatgagag	tccagaagca	gcaaggagca	tgtgcaaggc	gaggtaccaa	1980
atgtacagc						1989

<210> 6018

<211> 3133

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2503)...(531)

<223> similar to gi3777596 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6018

tttttttttt	ttgccaagat	ccaaagaaaa	aattttat	acaatagaga	attttat	60
aaacatgcat	ttcttg	tttaaaaa	aatcagcaa	tgcagatcaa	gtttacactc	120
cttaaggcca	agagtcccc	tatgcacgct	gtacatgttc	catattaaat	cccaaaagct	180
gactcacc	tggggaactt	gtgttacaaa	ggggcaaggc	ccaaggtcag	caatgggtgc	240
ttttat	aggaatcaga	caatctccct	ggatacagga	actctgagg	tcaacttgct	300
atgaattata	ctagggggaa	atgcaaacc	aataggccag	gaaattctgg	ataggtctcc	360
cttaggtacc	tggcatacaa	tcaaatcaat	tttat	aaagggaat	acagtaggtg	420
catacgaaaa	agtgaaaaca	gaacctgggc	catggaactg	gaggaacagc	agtgtgccga	480
cggtcatt	gcacgcaaca	gttaagtcca	aaacattcgg	ttcagagtta	gcttttcccc	540
at	tcagttcgtc	acaaatcttg	gtgagttctt	ctatttcttt	attcttctgc	600
tccagcgtcc	tttccagggc	gtccaactcg	gcagctgctc	ctttccgcaa	ggctggcctg	660
gtgggcggct	tgctcctgct	gggccttgcc	togaacctga	gcaatcttca	gcattggccc	720
tg	ctcctccagc	gtgcaccttc	agggcctggg	acctctgctc	ctccttcttc	780
acccgggaca	ggtactcctg	cgcacatctc	ttcaaacct	cttcattctt	gcggaagcct	840
tctaggacct	ccttcattct	ctcatatctt	ctgaagaggt	cggccagaga	ctttctccac	900

ggagttcagg	tcggccagg	gcttgctcct	tctccagaac	cagctgctgc	accgtctggt	960
ggggagactg	acttctctct	ctgttcgtcc	tctatcatct	gagcgatggt	cttctcatac	1020
tcggccacta	ttttcctcat	ttccatcact	tcccgcctgc	tttcttcata	tttatctttc	1080
cattctgaga	cctctctctc	cttggttatg	atctctgctc	tggcgatctg	gagggcagag	1140
tccaggtcgg	gctgctggaa	cagaaggcct	gcaggtttct	ccacctcagc	ggtcccgatg	1200
cgggagtaca	aggctgtttt	ggagatggag	acgtctgttg	ggtgagcagc	ctctctctgg	1260
agtttctgag	cgaatagtgg	ggggttcttt	tctgctaagt	cgggctccag	atagtcaagt	1320
gcaccacaga	gagagacggg	gtgagctagc	ctgctgagga	gggcgtcagc	agaggcaaag	1380
gagccctcgg	gagctgtaat	ttcaatcgct	tctgaagggg	tgcccaagcc	catggcctcc	1440
agctccttct	gggaggattt	ctctggcacc	tgcaagtgtg	actcttggtt	aggggccagt	1500
cctcgtggga	caggatgctg	gttttttcgca	gcagtgttca	caagggtctc	agtctcttca	1560
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tttggcgact	ttttcaccct	aaatgtgtca	gtctttaggg	gcgtcttctt	cttcttggcg	2040
ggcttggtta	gccccactcc	gtccactcca	ttggcttcca	tagcactggc	tgggatctca	2100
aaggaggctg	gggatttaga	aggtagctg	ggggtcttag	aggatgtctt	aaaggggtca	2160
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tcctgcattt	ttgaggtgga	agaaaaagg	ttaaaattgg	ggtcatccca	cttgtcaata	2280
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ggtgaggcag	gagtgttgtc	aagtttctcg	ggtgtctttt	tcactcttgg	cctcctcagg	2400
ggcatttttg	caactggctt	tttgcctatc	tttttggtag	gaggggggtt	ttcctgctgg	2460
ttgtcccaac	tactcttgtc	ctcagaatag	tcaaactcca	gccttacgga	gtgccctttg	2520
gctggagagt	cctcttgccc	cccgtatcc	gatgggggtta	cctcccctgc	ctccggggcc	2580
gtggtaagag	gcagcgtttt	cctcccgaca	gggggtgagt	tctgcactct	gccacctcca	2640
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gcagattccg	ttttcgtctc	agatgctaga	ttctccccac	tggggacaag	gctctcttca	2820
tctggctcct	gttgctgtct	cttcaactgg	ggggtctctg	tgggtttctt	ggtggtctgt	2880
ttctttttta	aggaaggcgg	cctcggtttt	ttagttcgct	taaggggtact	agaagcactg	2940
ctggaacccg	tgctatatgc	atctggggca	agggccacgg	cctcgggatt	gcctgaggaa	3000
gaagcccat	caaagtcact	ggcttgacgg	ctgagcgacc	gggacagtgt	agacttagag	3060
atggggacgg	aatccgtgga	cttcctccgt	gtgttcaata	agccctcctg	attcttagcg	3120
tctgaggcac	gaa					3133

<210> 6019

<211> 350

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (92)...(338)

<223> similar to gil60379 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 6019
agaagatcaa tgaaaactaat gattagttat tggaaacggt taccataggc aaaacttttg 60
ttagactgac caagaaaaaaa gactgaagat acaaattatc aaaatcggga atgaaagagg 120
agacatcgct cctatccctg cagaaattaa aaggattata agggaatact atgaacaact 180
ttatcccatt aaattagaca acttagagga aatgggcaaa atcattgaaa gacataacta 240
ctaaaactca agaagaaata gagaatctga atagagttat actaaataaa gcaattgaat 300
tagtaactaa aaatcattct acaaagctca taccagatg actactctca 350

```

```

<210> 6020
<211> 1098
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1003)...(424)
<223> similar to gil911548 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 6020
ttaaactccc cctcttctta agagaatttt aatgaagctg agataagagg catatttact 60
tgcagtttgc ccattgttta ccctggattc ctccgagcgc acaagcttac cgcaaggctg 120
actgtggatg tacttgggaa tctctcgtcg gctgtcctca atgctcacgt tcttagcata 180
ccttcaccct agagaaaaggc cccacatcg ggcgccagat gaaggggtgg cctgcccctc 240
cacacctgtg ggtatttcta gtcagggtgg atgagagact gagaaaagaa agaagacaca 300
gagacaaagt atagagaaac aacagtgggc ccaggggacc ggcaactcagc acaccaagga 360
cctgcaccgg caccggcctc tgagttccct cagtttttat tgactattat tttcattatt 420
tcagcaaaaa ggaatgtagt aggacagcag ggtgataata aggagaaggc caacaaaaaa 480
aacatgtgag caaaagaatc tatatcataa ttaagttcaa gggaaggtag tatgcctgga 540
cgtgcacgta ggccagattt atgtttctct ccacccaaac atctcagtgg agtaaagaat 600
aacaaggcag cactactgcc aacatgtctc gcctcccgcc acagggcagc ttttctcca 660
tctcagagtt gaacaaatgt acgatcgggt ttacaccga gacattcagt tcccaggggc 720
aagcaggaga cagtggcctt cctccatctc aactgcaaga ggctttcctc ttttactaat 780
ccacctcagc acagaccctt tatgggtgtc aggcgtgggg accatcaggt ctttctcatc 840
ccacgaggcc atatttcaga caatcacatg gggagaaacc ttggacaata cgccgctttc 900
aagggcaggg ctccctgcgg ctttccacgg tgcattgtgc ccctggttta ttgagactag 960
agaatggtga tgacttttac caagtatact gcttgcaa attttggtta caaggcacgt 1020
cctgcacagc cctacatccc ttaaaccctg atttcataca cacatgtttt tgtgagctcc 1080
aggttgggtc aaagtggg
1098

```

```

<210> 6021
<211> 1344
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc_feature
 <222> (502)...(653)
 <223> similar to gi5817857 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6021
 cccacgcgtc cgtggggagg aagtctccac ccctgggagg ctgaagccag gcatagcgcg 60
 ctggctagga ctccagtacc gtgaagggag gcagtgagag caaacatctg tgcctcattc 120
 ctgatctcaa ggggaaagca agaacaacac ctgtgaaggg aaggaggggtg gatcggcctg 180
 actggccctg ggaagcacag aggagcctac tgggaccagg gaagagactg acaagagaag 240
 ggaggcctgt ccctgcctgc ttctgtctca agaagattgt tatcacttcc tctggtgaaa 300
 tctgccttc ctgtcccccac ggccctcag ctgatgccac ctactctgg agaggatggg 360
 cagagcctcc tatggaggga gccctgtggg tcaccaaagc tccagtgacc acccccgggc 420
 aaagacctgc agatcccttg ttagagacgg gcccaggact ttgtgcgggg tgcccaactgt 480
 tgctctgagc cttcacttcc tcagggaggc ttctcagga tctcgaacct gcggaaggag 540
 gaccagtctg tgtacttctg ccaagtccag ctggacatac agatcaggga ggctgtcgtg 600
 gcagtcctac aaggggaccc acctcaccat caccagggt gagtccagct gccctggcac 660
 caaggaacct tctgggttca gccataggct caggtgtgtg gagggaatga cctgaggggc 720
 tgtatgaggg aacaacctcc tggggctccc ctatgcctga gttcctgcaa ctcagaagtt 780
 gagggccaga gatccaggta gagggggctc cagtccctggg actgccctgc aagtcatgtg 840
 gcctgggaca gggcttctcc aagctctgtc ccctcctgtg tagggcaggg aggtcagagg 900
 ggacctgca gatccagtct catgtctggg ggtcaagggg tggcctcgag agggaccagt 960
 ctctgtgtag gggaccgtca gcccctcac cccttgagca agactgtggg ccctgcacca 1020
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 tgggagcccc tgccaggag ggagaggac agaggacaag ctgggggctc tgggtgcttg 1140
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 atctgggggtg cagcagagca cagactcagg ccgcctttc ctctccctga aagagcctgc 1260
 gctggccttg gacagagaaa gggatgagaa gtgaggctga gtgcgggtggg gtctgcaggg 1320
 atccagggtg gagggggcca gccc 1344

<210> 6022
 <211> 2075
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2076)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (510)...(1869)
 <223> similar to gi4929553 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6022

gggtctcaga	tgaaaagatg	tacatggtga	atgataggtc	caggactttt	ccccctctcc	60
tgacttggtg	tccagcccc	cccgcaacca	ccttatctcc	cacattcctc	cttggggaat	120
aacatggagg	acagatcttt	tctgtggcc	tgagggtggc	tggggacagc	aaacagactt	180
cccatctgcc	tttgtccttt	cctgcttcca	cagggtggcc	aaaccagccc	tcgtcactcc	240
ccacaccacg	tggttagggtg	ggtagacccc	acagccctgt	gtgaggagct	tctgcttcca	300
ctggagaacc	cgtgtcaggg	cagggcccg	ttgtgtctca	caggcctcca	cgcctgtggg	360
gatctgagt	ttgccttgc	gagacacttc	tctgtgtgtc	ctgagggtgt	ggccctggct	420
cagtgggctg	ctgtacatg	aaagtgtgtg	accctggcgg	ctaccactg	agtcagtggg	480
tggctgggct	gcctggctat	gaactgccct	accgttccat	cttggatgcc	tacatcatcg	540
aatttttcac	agacaacct	tgggacacac	tccctgtgtc	atggcaggaa	gcattggatg	600
gactgaaacc	accacagctg	gccacaatgc	tgctggggat	gcctggggaa	ggggaggctg	660
tcaggtacag	gtcagtgtgg	ccactcaccc	tgctggccct	gaagtccacg	gcgtgtgccc	720
tggcctttac	ccggatgcct	ggctttcaga	ccccctcaga	attcctggag	aaccccagcc	780
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tagacgtggg	ctcaggccag	ggccatctct	cccgttcat	ggctcttggc	ctggggttga	960
tgggtgaagag	catcgaagg	gatcagagac	tgggtggagag	agcccagcgc	ctggaccagg	1020
agcttctgca	ggctctggag	aaagaggaga	agaggaaacc	gcagggtgtc	caaaccagcc	1080
ctcgtcactc	cccacaccac	gtggttaggt	gggtagaccc	cacagccctg	tgtgaggagc	1140
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acgcctgtgg	ggatctgagt	gttgccctgc	tgagacactt	ctcctgtgtg	cctgagggtg	1260
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<210> 6023

<211> 6309

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (74)...(5427)

<223> similar to gi5911999 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6023

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<210> 6024

<211> 3888

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3725)...(1430)
 <223> similar to gi5327054 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6024

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<210> 6025

<211> 2373

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (201)...(1666)

<223> similar to gi498721 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 6026

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (65)...(435)

<223> similar to gil340174 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6026

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<210> 6027
 <211> 5225
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (165)...(4295)
 <223> similar to gi4884564 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 6028

<211> 5514

<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3646)...(1248)
 <223> similar to gi5360121 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6028

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<210> 6029
 <211> 3117
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (15)...(1559)
 <223> similar to gi4572585 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6029

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<210> 6030

<211> 4360

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (44)...(1962)

<223> similar to gi31738 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6030

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<210> 6031

<211> 7741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (146)...(6083)

<223> similar to gi641958 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6031

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tttghtaagac	aataaattta	ttcattatag	atatttgccg	ctgctctgtt	tacttgaaga	7680
aaaaaagcac	ccgtggagaa	taaagagacc	tcaataaaca	agaataatca	tgtgaacgtg	7740
g						7741

<210> 6032

<211> 1812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (237)...(543)

<223> similar to gi9449 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6032

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cctgctgctg	cctttacaag	acgtgccgcc	gaccacgtcc	ggttgtcacc	accaccacat	300
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atatgtggct	tcctctgatg	ctgacaaggt	ggggaacaat	ccttgccaga	gtgggctggg	780
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ggaaaaaaaa	aa					1812

<210> 6033

<211> 2631

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (87)...(538)

<223> similar to gi31843 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6033

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cagcaattgt	gagcatatca	gcataagta	ccactgggtgt	ggcaatgcac	acttcaacct	180
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ctccagaaga	ggaaaccgga	gaaagggtag	aacttgccca	tcatctctct	gaaccagaga	360
taacactcat	tatttttggg	gtgatggctg	gtgttatttg	aacgatcctc	ttaatttctt	420
acggtattcg	cggactgata	aagaaaagcc	catctgatgt	aaaacctctc	ccgccgccct	480
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gtatctgttc	acccaaacct	aaatgtggaa	agaacacaag	gaggaccata	ggacttccag	600
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acttttgagt	ctggtttcat	tgtttttaaa	aaattaaggg	gacactaaag	tcctatcatt	1020
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atataagtgc	catattttaa	ataatttgct	taaacagtag	aactatgtcg	gagcactcac	1260
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ttaaatttgg	tattcgtggg	ggaagaaatg	accatttccc	ttgtattttt	ataattaaat	2580
cagcaaaata	ttgtaataaa	gaaatctttc	ctgtgaagat	accatgaccc	c	2631

<210> 6034

<211> 2036

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (115)...(247)

<223> similar to gi4336401 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6034

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ctgttgccca	ggctggagtg	cggtggcatg	attagaactg	actgtaacct	tgaactcatg	180
ggctcaagcg	atcctcctgc	cttggttccc	caaaaccctg	gaattaacag	atgtgagcca	240
ccacactggc	caaatttttaa	catctttggt	attgaaatac	aagtgtttaa	tttgccggca	300
tatttttttaa	caatacataa	aatactaccg	catcttaaag	ttgatgttat	cttagattca	360
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caactgaaag	acgggagcaa	gctgacactg	caaggaacac	atgatgcttt	ggaatgggtg	660
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tattttacac	cctctgccct	catcactcac	acacacacac	acacagacac	acacacagct	1800
gacgtgctat	ttgtaggcct	atcttcacct	acaagattga	ctggcccctt	tgtacagcag	1860
ctcagttggt	ggctggctta	ttccactcat	cttaacagtt	cgtcatgtgc	cagaccttgt	1920
actagaactg	tctttactgc	tggcttgttt	tctgccacta	gtgaaatagt	ttgaactttc	1980
caagtctccg	tttcaccgta	aatagggatt	tattctccca	tctatgcccc	tgtatt	2036

<210> 6035

<211> 3053

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(2860)

<223> similar to gi5456900 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6035

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<210> 6036

<211> 1998

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1910)...(1300)

<223> similar to gi2062022 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6036

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<210> 6037

<211> 7238

<212> DNA

<213> Homo sapiens

<220>

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<222> (1)...(7239)

<223> n = a,t,c or g

<220>

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<222> (22)...(3101)

<223> similar to gi2224605 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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aatcccaggg	gaagtgttgt	gatgctagac	taaaaggtgg	gaatgtgctg	ctgttcctgt	6720
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gcttcaatgt	aaatggattta	tatgtataat	tggttaatttg	tatagttttg	tagattgtag	6840
attaaatgca	ctcatcatgt	cacatgtgat	tgtgcttgga	gtatttggtg	gttttattct	6900
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cagtttgtca	gaaatgagaa	taatatagtt	gaaatcagtt	gggctaaaat	attctacagc	7020
aagacaattt	cttttgggtg	aactgattct	ataatttact	tactttttaa	tgtaaggatt	7080
agatttattg	ttgagctgct	ttccagatca	gactgtcact	ttatagtttt	tctatctcac	7140
agattctata	gttgcaaaca	aagcgttggt	aaatttccct	tttgttgttt	ttgactttta	7200
attaatacac	agtacattgt	tttcatagca	aacttaaa			7238

<210> 6038
 <211> 2036
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2037)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1810)...(1179)
 <223> similar to gi5410328 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6038						
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ggaggaaaag	cagaacatag	aagtaaaaca	gcaaataag	gcatctggga	cacatttttag	180
ggaagagagc	aaatgagggg	ggaagacacc	aattaactga	cattggatag	taggcagtta	240
gaacttatct	ttccgtttac	ctagcaagtt	acatcagtc	tttatattaa	acttgacaaa	300
cctactagtt	tgtccctttc	actcttaaat	ataccatgag	gtggttgggg	agggagaagc	360
aaataaagca	gcatgcagg	agacgcaagg	aagaagtggc	caaggagaag	aaatggtggc	420
aggaatagtt	ttaaatatca	aggccactta	aaacaagact	cagcaaacca	aagctatcac	480
ttctgcatta	ccctttgtcc	tcaattaact	actttgaaaa	ttacagccaa	gcaaaccaca	540
aacattttta	tggtttatgt	ttggatgata	tgtctcctgc	acatgcttcc	accagaacaa	600
aaaaggaaaa	ccaaagaagt	tcctttccac	ataaggcaca	ggacaaaatt	aatcccattt	660
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aaaataaaat	tgtaatttct	aactttattc	ttatacaatt	tgcagaatag	atgtgaaatg	840
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tgagctgagc	caagtacatt	ttaaaaatga	aagtcacaga	catcgatttt	tcctatacat	960
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gagttaaaaa	atgggacaga	gtgggtttat	tttggcagca	agaagagaaa	accggggtag	1140
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ctgatgtttt	caaaaccttt	taaccattgg	gtgatgtcat	ataactagca	tgatacccat	1560
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aaaaaggctc	gagacggcgc	gggcgacctc	cgaacagctt	tgaggaagcc	ccgacagtgg	1980
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<210> 6039

<211> 1773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (47)...(1613)

<223> similar to gi5326764 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6039

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ctctgtggtc	cgacgctgtg	tcaagctctg	caccggccat	gagtatgcag	ccaagatcat	180
caacaccaag	aagctgtcag	ccagagatca	ccagaagctg	gagagagagg	ctcggatctg	240
ccgccttggtg	aagcattcca	acatcgtgcg	tctccacgac	agcatctccg	aggagggcctt	300
ccactacctg	gtcttcgatc	tggtcactgg	tggggagctc	tttgaagaca	ttgtggcgag	360
agagtactac	agcgaggctg	atgccagtca	ctgtatccag	cagatccctg	gaggccggtc	420
tccattgtaa	ccaaatgggg	gtcgtccaca	gagacctcaa	gccggagAAC	ctgcttctgg	480
ccagcaagtg	caaaggggct	gcagtgaagc	tggcagaactt	cggcctagct	atcgagggtgc	540
agggggacca	gcaggcatgg	tttggtttcg	ctggcacacc	aggetacctg	tcccctgagg	600
tccttcgcaa	agaggcgtag	ggcaagcccc	tggacatctg	ggcatgtggg	gtgatcctgt	660
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tcaccacat	gctggccaca	cggaaatttct	cagcagccaa	gagtttactc	aacaagaaaag	1020
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tgctgtgcgc	atgtttgtgt	ctgcctcggt	ccctcccctg	gtgcctgtgt	ctgcagaaaa	1740
acaagaccag	atgtgatttg	tttaaaaaaa	aaa			1773

<210> 6040
 <211> 3934
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3916)...(849)
 <223> similar to gi4240173 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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gcaggggaca gtcagaagat gtcaacatgg atgccaggct ggtgggctcc gcccttctcc      180
aagcccccca tccacccct ttgtcctcg gtgtacagg cactgccggg ttgaggggac      240
aggcagggca ggactgtggg catgcagagc ctctggcag ccaggagggg ctgcccgcgc      300
ccctgcacat ggcgaggcag gcagctgtgt gcgcagtgat ggagctagga ggaggaaaca      360
tgcgcagaca ccccggttcc cgccttcccc acgtggccag gagagtgttc aaacacgaac      420
aaggatggct gggcactcag gggcccagcc cccaaccag gagaggaaga ggggggtccc      480
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ctctgcaact	tcttcaccga	cagcgagatg	ttctccagga	tccggctcctt	cacctcccc	3900
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<210> 6041

<211> 407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (131)...(330)

<223> similar to gi5726234 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6041

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ttcaagatga	ctgaggcttg	agccgagctt	tcgctacca	tccaacactg	ctgtttgccg	180
ccgtcgcaga	cccaccgctg	acttccaccc	ctctggatat	cgcagggtgt	cggctgcgct	240
cctgatccag	cgaggcgccc	attgctgctc	tggatagggc	taaaggcttg	ccattgttcc	300
cgcacagcta	agtgcctggg	ttcatcctaa	tcaagctgaa	cgctggttgc	tgggttccat	360
ggttctcttc	catgaccac	cacttcta	atagctgtaa	cactcac		407

<210> 6042
 <211> 6355
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(6356)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (463)...(4366)
 <223> similar to gi2224557 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6042

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gaaagtgaag	gagatgaaaa	gccc aaactc	cggagaccct	gtgaccgttc	caatggctat	180
ggaagaactg	aatgctttta	agttgagaaa	aacctgctag	tttatgggtg	gggccgatgg	240
agagagattc	tatctcatgg	ccgtttcaaa	aggcagctaa	atgaacacga	tgtagagata	300
atttgccgag	ctctcttagc	atattgcctt	gttcactacc	gaggagatga	gaagattaaa	360
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<210> 6043

<211> 5539

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (87)...(4494)

<223> similar to gi35568 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6043

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<210> 6044

<211> 1123

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (837)...(139)

<223> similar to gi2613010 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 6045
 <211> 2213
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1792)...(178)
 <223> similar to gi4210363 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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gctgtccata gctcgaggg ggattatagc tttgctgctg tccatagctt tgcctgctgc      1380
caccatagct aggtgctgg ctgtagctcc cactctgggg ctgcccatag ctgctgctct      1440
gagaactgct accgtaactt cccgagggtc tgcctgggagc tggctgctgg ccatagccag      1500
gataggagga ctgctgcccg taagacgatt gggagctctg gctactgcca tagccgccag      1560
tcgagccata tccttgggga gttgactgag ttccatagct gttctggctc tggccataag      1620
aagaatagct gctctggcca tagcctgaag tgtccgtgga ctggctataa ccactgtaac      1680
tctgctgtcc gtagggtgga ctgctctgct ggggaatagc ctgcccgggc tgggtgggggt      1740
aggccccata gctttggggt gcttggtggg tataatcggt tgaggccatg tccgcgcacg      1800
cgcgcacagg caagcaagca acgaagttcc aacaccgctg agcaccgacg cctggaggac      1860
tgagcagccc cgctcctgc gtcgaagctt aagtacgtc cgccgcctac gcaccgcgca      1920
ggcgcgcacc aaacgcggaa gagcaggggg aggcaggaaac gactccgcc cccttcgtag      1980
ggcaggtaga gggctccgagc aggcagaagg gaaacaagtt aactagaatc atgcgaatac      2040
tatacataat catatTTTTT gaggaagaac ccctctctcc tcggcaggac tagccacga      2100
tctatctcca ccccatgaa ggcacagtgg tacggcctga gtgcccgtg ggggcggggc      2160
gagggggcgg tcccggcggc tggggacgaa actggagtca cagccgggga gag      2213

```

<210> 6046
 <211> 1943
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (169)...(1601)
 <223> similar to gil504042 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 6046
tcatcataac ttatgtttcca tatttttttaa cccacatcac tcttgaaatc gactgttcag      60
ttgatgtgca ggctttttaca ggataagcgc taccagtgtg tctattcctt ggcagaaatc      120
tttaagggtcc tggcttcatt ttatgtcatt ttgggttatac tttatgggtct gacctcttcc      180
tacagcctgt ggtggatgct gaggagtcc ctgaagcaat attcctttga ggcgttaaga      240
gaaaaaagca actacagtga catccctgat gtcaagaatg actttgcctt catccttcat      300
ctggctgatc agtatgatcc tctttattcc aaacgcttct ccatattcct atcagagggtc      360
agtgagaaca aactgaaaca gatcaacctc aataatgaat ggacagttga gaaactgaaa      420
agtaagcttg tgaaaaatgc ccaggacaag atagaactgc atctttttat gctcaacggt      480
cttccagaca atgtctttga gttaactgaa atggaagtgc taagcctgga gcttatccca      540
gagggtgaagc tgcctctgc agtctcacag ctggtcaacc tcaaggagct tcgtgtgtac      600
cattcatctc tggctgtaga ccctcctgca ctggccttcc tagaggagaa tttaaaaatc      660
ctccgcctga aatttactga aatgggaaaa atcccacgct ggggtatttca cctcaagaat      720
ctcaaggaac tttatcttcc gggctgtggt cctcctgaac agttgagtac tatgcagttg      780
gagggctttc aggacttaaa aaatctaagg accctgtact tgaagagcag cctctcccgg      840
atcccacaag ttgttacaga cctcctgcct tcattgcaga aactgtccct tgataatgag      900
ggaagcaaac tgggtgtggt gaacaacttg aaaaagatgg tcaatctgaa aagcctagaa      960
ctgatcagct gtgacctgga acgcatccca cattccattt tcagcctgaa taatttgcac      1020
gagttagacc taagggaataa taaccttaaa actgtggaag agatcattag ctttcagcat      1080
cttcagaatc tttcctgctt aaagtgtggt cacaataaca ttgcttatat tcctgcacag      1140
attggggcat tatctaacct agagcagctc tctttggacc ataataatat tgagaatctg      1200
cccttgacgc ttttcctatg cactaaacta cattatttgg atctaagcta taaccacttg      1260
accttcattc cagaggaaat ccagtatctg tagtaatttg cagtactttg ctgtgaccaa      1320
caacaatatt gagatgctac cagatgggct gtttcagtgc aaaaagctgc agtgtttact      1380
tttggggaaa aatagcttga tgaatttgtc ccctcatgtg ggtgagctgt caaaccttac      1440
tcatcgggag cccttgggt aattacctgg aaacacttcc tcctgaacta gaaggatgtc      1500
agtccctaaa acggaactgt ctgattgttg aggagaactt gctcaatact cttcctctcc      1560
ctgtaacaga acgtttacag acgtgcttag acaaatgttg acttaaagaa aagagaccgc      1620
tgtttcaaaa tcatttttaa aagtatgctc ggcggggcgt ggtgggtcat gcctataatc      1680
ccagcacttt gggaggccaa gatgggcgga ttgcttgagg tcaggagttc gagaccagtc      1740
tggccaacct ggtgaaaccc catctctgct aaaactacaa aaaaattagc caggcgtggt      1800
ggcgtgcgcc tgtaatccca gctacttggg aggctgacgc aggggaattg cttgaaccag      1860
ggaggtggag gttgcagtga gccgagattg tgccactgta caccagcctg ggtgacagag      1920
caagactctt atctcaaaaa aaa

```

<210> 6047
 <211> 1917

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1918)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (97)...(846)
<223> similar to gi4929707 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6047

aaatcgactc	gctcgggtgtt	cgccccgcga	cgccgcacgg	cttgctgggg	ctgggctctt	60
cctcgcgga	gtggggagga	ggcgggttgcg	gttagtggac	cgggaccggt	aggggtgctg	120
ttgccatcat	ggctgacccc	gacccccggt	accctcgctc	ctcgatcgag	gacgacttca	180
actatggcag	cagcgtggcc	tccgccaccg	tgcacatccg	aatggccttt	ctgagaaaaag	240
tctacagcat	tctttctctg	caggttctct	taactacagt	gacttcaaca	gtttttttat	300
actttgagtc	tgtacggaca	tttgatcatg	agagtctctg	cttaattttg	ctgtttgccc	360
tccgatctct	gggtttgatt	tttgcggtga	ttttaaacag	acataagtat	ccccctaacc	420
tgtacctact	ttttggattt	acgctgttgg	aagctctgac	tgtggcagtt	gttggttactt	480
tctatgatgt	atatattatt	ctgcaagctt	tcatactgac	tactacagta	ttttttgggt	540
tgactgtgta	tactctacaa	tctaagaagg	atttcagcaa	atttggagca	gggctgtttg	600
ctcttttgtg	gatattgtgc	ctgtcaggat	tcttgaagtt	ttttttttat	agtgagataa	660
tggagtgggt	cttagccgct	gcaggagccc	ttcttttctg	tggattcatc	atctatgaca	720
cacactcact	gatgcataaa	ctgtcacctg	aagagtacgt	attagctgcc	atcagcctct	780
acttgatat	catcaatcta	ttcctgcacc	tgttacgggt	tctggaagca	gttaataaaa	840
agtaattaaa	agtatctcag	ctcaactgaa	gaacaacaaa	aaaaatttaa	cgagaaaaaa	900
ggattaaagt	aattggaagc	agtatataga	aactgtttca	ttaagtaata	aagtttgaaa	960
caatgattaa	atactgttac	aatctttatt	tgtatcatat	gtaattttga	gagctttaaa	1020
atcttactat	tctttatgat	acctcatttc	taaatccttg	atttaggata	tcagttaaga	1080
gctatcaaaa	ttctattaaa	aatgcttttc	tggctgggca	cagtggctca	cgctgttaat	1140
cccaccactt	tgggagaccg	aggcaggtgg	atcacgaggt	caagagaaag	ttaccatcct	1200
ggctaatacg	gngaaacccc	atctctacta	aaaatacaag	aagattagct	ggctgtgggtg	1260
gcatgcacct	gtggtcccgg	ctactcggga	ggctgaggca	ggagaatcgc	ttgaacccgg	1320
gaggtggagg	ttgcattgag	ccaagatcac	gccactgcat	tccagcctgg	tgacagagcg	1380
agactcagtc	tcaaaaaaaa	tttaacgaga	aaaaaggatt	aaagtaattg	gaagcagtat	1440
atagaaactg	tttcattaag	taataaaagt	tgaacaatg	attaaatact	gttacaatct	1500
ttatttgtat	catatgtaat	tttgagagct	ttaaaatctt	actattcttt	atgatacctc	1560
ttttctaaat	ccttgattta	ggatctcagt	taagagctat	caaaattcta	ttaaaaatgc	1620
ttttctggct	gggcacagtg	gctcacgcct	gtaatcccac	cactttggga	gaccgaggca	1680
ggtggatcac	gaggtcaaga	ggttgagacc	atcctggcca	acatggtgaa	accccgctctc	1740
tactaaaaat	acaaaaatta	gctggatgtg	gtggcacaca	cctgtagtcc	cagctagtca	1800
agaggctgag	gccagagaat	cgcttgaacc	tgggaggtgg	aggttgcat	gagccaagat	1860
cacgccactg	cattccagcc	tggtgacaga	gcgagactca	gtctcaaaaa	aaaaaaa	1917

<210> 6048
<211> 1980

```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (461)...(1866)
<223> similar to gi5738138 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 6048
atttttaaata cacacaccca gggggctctg cccctgtaa aagaaaaaaa atcaaaacaa      60
acaaataaat aaccccaaag agatggacc aggggagAAC gcgtaagtgt gaggggcatg      120
agtatacacg agtgtgcgtg tctttccctc tcccttattt gtctccgtat gagtctctcc      180
ttgtaccctc cccctgcctc gatgatatta cccccccaga cttggaagcc gctgccagag      240
tgacgctttg atggtatctg caagcgtttt tgetgatctt atctctgccc cctgaatatt      300
aattccctaa tctggtagca atccatctcc ccagtgaagg acctactaga ggcagggtggg      360
gggagccacc atcagatcat aagcataaga ataatacaaa ggggagggat tcttctgcaa      420
ccaagaggca agaggcgaga gaaggaaaaa aaaaaaagcg atgagttcgc caaatatatg      480
gagcacagga agctcagtct actcgactcc tgtattttca cagaaaatga cgggtgtggat      540
tctgctcctg ctgtcgtctt accctggctt cactagccag aaatctgatg atgactatga      600
agattatgct tctaacaaaa catgggtctt gactccaaaa gtccctgagg gtgatgtcac      660
tgtcatctta aacaacctgc tggaaggata tgacaataaa cttcggcctg atataggagt      720
gaagccaacg ttaattcaca cagacatgta tgtgaatagc attggtccag tgaatgctat      780
caatatggaa tacactattg atatattttt tgcgcaaacg tggatgaca gacgtttgaa      840
atttaacagc accattaaag tcctccgatt gaacagcaac atggtgggga aaatctggat      900
tccagacact ttcttcagaa attccaaaaa agctgatgca cactggatca ccaccccaa      960
caggatgctg agaatttggg atgatggtcg agtgcctctac tccctaagggt tgacaattga     1020
tgctgagtgc caattacaat tgcacaattt tccaatggat gaacactcct gccccttggg     1080
gttctccagt tatggctatc cacgtgaaga aattgtttat caatggaagc gaagttctgt     1140
tgaagtgggc gacacaagat cctggaggct ttatcaattc tcatttggtg gtctaagaaa     1200
taccaccgaa gtagtgaaga caacttccgg agattatgtg gtcatgtctg tctactttga     1260
tctgagcaga agaatgggat actttaccat ccagacctat atccctgca cactcattgt     1320
cgtcctatcc tgggtgtctt tctggatcaa taaggatgct gttccagcca gaacatcttt     1380
aggtatcacc actgtcctga caatgaccac cctcagcacc attgcccgga aatcgctccc     1440
caaggctctc tatgtcacag cgatggatct ctttgtatct gtttgtttca tctttgtctt     1500
ctctgctctg gtggagtatg ggcaccttgc attattttgt cagcaaccgg aaaccaagca     1560
aggacaaaga taaaaagaag aaaaaccctg cccctaccat tgatatccgc ccaagatcag     1620
caaccattca aatgaataat gctacacacc ttcaagagag agatgaagag tacggctatg     1680
agtgtctgga cggcaaggac tgtgccagtt ttttctgctg ttttgaagat tgtcgaacag     1740
gagcttggag acatgggagg atacatatcc gcattgccaa aatggactcc tatgtctgga     1800
tcttcttccc cactgccttc tgctgtttta atctggtcta ttgggtctcc tacctctacc     1860
tgtgaggagg tatgggtttt actgatatgg ttcttattca ctgagtctca tggagagatg     1920
tctgttctaa gtcacttaa ataatcctct atgtggttga taagtatctg aatctgtttc     1980

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<210> 6049
<211> 1404
<212> DNA
<213> Homo sapiens

<220>

```

<221> misc_feature
 <222> (90)...(1396)
 <223> similar to gi5901572 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6049

gtttcagagg	gagtacacgt	aaggggcaaa	agcagcaacg	gaatacgaca	acggaataag	60
catgaatacg	acctggctac	ctgaaggagg	tacaagaaaa	ttccccagga	cacagagctg	120
gtttggagcc	tttctttgat	tttattgttt	ctattaatgg	ttcaagatta	aataaagaca	180
atgacactct	taaggatctg	ctgaaagcaa	acgttgaaaa	gcctgtaaag	atgcttatct	240
atagcagcaa	aacattggaa	ctgcgagaga	cctcagtcac	accaagtaac	ctgtggggcg	300
gccagggctt	attgggagtg	agcattcggt	tctgcagctt	tgatggggca	aatgaaaatg	360
tttggcatgt	gctggagggtg	gaatcaaatt	ctcctgcagc	actggcaggt	cttagaccac	420
acagtgatta	tataattgga	gcagatacag	tcatgaatga	gtctgaagat	ctattcagcc	480
ttatcgaaac	acatgaagca	aaaccattga	aactgtatgt	gtacaacaca	gacactgata	540
actgtcgaga	agtgattatt	acaccaaatt	ctgcatgggg	tggagaaggc	agcctaggat	600
gtggcatttg	atatggttat	ttgcatcgaa	tacctacacg	cccatttgag	gaaggaaaaga	660
aaattttctt	tccaggacaa	atggctggta	cacctattac	acctcttaaa	gatgggttta	720
cagaggcca	gctgtcctca	gttaatcccc	cgtctttgtc	accaccagga	actacaggaa	780
ttgaacagag	tctgactgga	ctttctatta	gctcaactcc	caccagctgt	cagtagtggt	840
ctcagtacag	gtgtaccaac	agtaccagtt	attgccacca	caagtaaacc	agtccctcac	900
ttctgtgcca	ccaatggaat	ccagctactt	acatttacog	ggtctgatgc	cttttaccag	960
gcagggactg	cccaaccttc	cccaaccttc	aaccttcaac	cttcccaggc	accacacatt	1020
catggccggg	gggtgggctt	taccaggaat	ttgttaaacc	cgggggtttg	ccacctcttt	1080
cttccatgcc	tccccgaaac	ttacctgggc	attgcacctc	tccccctgcc	atccgagttc	1140
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tcttccctcc	cgccaccag	caacgcaccc	tctgaccttg	ccacaactac	tgcaaaggca	1260
gacgtgcct	cctcactcac	tgtggatgtg	acgcccccca	ctgccaaaggc	ccccaccacc	1320
gttgaggaca	gagtcggcga	ctccacccca	gtcagcgaga	agcctgtttc	tgcggtgtgt	1380
gatgccaatg	cttctgagtc	acct				1404

<210> 6050
 <211> 3864
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (391)...(2682)
 <223> similar to gi3493660 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6050

cagagaacgt	ttgtctgcct	gatgagagcc	acttgggtta	agaaactacc	tgtgaatagt	60
catcatttct	gtccttcatt	ggggaatact	tttagaggcc	agtttccaaa	aattctgctt	120
aaaaaagaat	tctggttttg	tcttactctt	ccagatgaga	tatcacagag	gcttgggcct	180
agattgtcat	cagcatactg	ctatactatt	cgtttgttct	tattaagcct	tattgtgtgt	240

aatgctgtta	ctttttcaga	gtgttgcgga	gataggaaca	tgggagagaa	acaatctggg	300
taacatgaaa	gtgatgctgg	ttgctaaggg	aaggcaactt	gattctgtgg	gaagggctgt	360
agctgatcca	tccgttgtct	agatttgagt	atgagcacag	tggaagagga	ttctgacaca	420
gtaacagtag	aaactgtgaa	ctctgtgact	ttgactcagg	acacagaagg	gaatctcatt	480
cttactgcc	ctcagaatga	agcggatgaa	atagactcag	aagatagtat	tgaacctcca	540
cataaaaggg	tttgtttgtc	ctctgaggat	gatcagagta	ttgatgattc	tactccttgc	600
atatcagttg	ttgcacttcc	actttcagaa	aatgatcaga	gctttgaagt	gaccatgact	660
gcgaccacag	aagtagcaga	tgatgagggt	actgagggga	ctgtgacaca	gatacagatt	720
ttgcagaatg	agcaactaga	tgaaatatct	cccttgggta	acgaggaagt	ttcagcagtt	780
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tggaagcagg	ggatgtggtc	caaggaagaa	attgatattt	tgatgaacaa	tattgaacgc	900
tatcttaagg	cacgcggaat	aaaagatgct	acagaaatca	tctttgagat	gtcaaaagac	960
gaaagaaaag	atttctacag	gactatagca	tggggtctga	accggccttt	gtttgcagtt	1020
tatagaagag	tgcttcgcat	gtatgatgac	agaaaccatg	tgggaaaata	tacacctgaa	1080
gaaattgaga	agctcaagga	gctccggata	aagcatggca	atgactgggc	aacaataggg	1140
gcggcgctag	gaagaagtgc	atcttctgtc	aaagatcggg	gccgactgat	gaaggatact	1200
tgcaacacag	ggaagtggac	agaagaagaa	gaaaagagac	ttgcagaagt	ggttcatgag	1260
ttgacaagca	ctgagcccag	gtgacatagt	cacacagggg	gtgtcttggg	cagctgtggc	1320
tgaacgagtc	ggtacccgct	cagaaaagca	atgtcgttct	aaatgggtca	actacctgaa	1380
ttggaaacag	agtgggggta	ctgaatggac	caaggaagat	gaaatcaatc	tcactctcag	1440
gatagcagaa	cttgatgtag	ctgatgaaaa	tgacattaac	tgggatctgt	tagctgaggg	1500
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aattgcaaac	cataaggatg	tttcgttccc	tgtcttaata	aaaggtctta	aacagttaca	1620
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agtaaccctg	acagctgctg	ctcctgcttc	tcctgaacag	attattgttc	atgctttatc	2040
cccagaacat	ttgttgaaca	caagtataaa	tgttacaggt	gcagtgtcac	acaccaagag	2100
tcatcattca	gactgttgcc	acagaggaca	tcacttcttc	catatcccaa	ggcagggaact	2160
gaccgtcgat	agtgatattc	agttcattct	ggattttcct	gagcctccag	acgccctaga	2220
aggcaaacac	tttcccagat	gaaattcatt	accctaagat	gactgtggag	ccatcattta	2280
atgatgctca	tgtatccaaa	ttcagtgacc	aaaatagcac	agaactgatg	aatagtgtta	2340
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atcaacaat	tgatgatgaa	acaatactta	tcgttccttc	accacatggc	tttatccagg	2520
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tccaacatca	tcaggaagaa	tcaaatatca	ttggatcatt	cttgggcagt	cctgtttcag	2640
aagattcaaa	ggatgtcgaa	gatttggtta	actgtcatta	gaataattct	tagaaaatagg	2700
cagttcaagc	aaagaaggca	cactgttaat	tacaacctct	tcaaagaaat	aggagcaacc	2760
cccaagaggg	ttaatttacc	aattttaata	gccacagtcc	ttaagccaca	cacattgttg	2820
ctgctatgac	tttttacctc	ctttaaacac	atcatctgag	gttgagtttt	atgacagtat	2880
gtagttgagt	ggaggctggg	agtttttaagc	ataaatccct	gtttagtgtt	acatgggaat	2940
aaggaatttc	attcacttca	gccactaaga	aaagtttaga	atcacgaaag	cttaactgct	3000
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aggaggtggg	cttgtgggtg	tacatttggt	taaccatttg	ctggcagtg	gagctgattt	3240
aggcagggtg	aacaggaaag	cattaaaagt	taaaattcac	tacaggtttt	ttgttacttt	3300
taaagggaat	atggataagc	atagtaacaa	aaccaccag	aatctaagca	gttttcaccc	3360
cctcagaaac	cactgtcatt	agttttacaa	gttagcactt	tgaagtataa	ctaaatgagg	3420
aaggaagtaa	tgttacctat	ccttgatacc	atgaccattt	attagatgtt	ttgctatata	3480
aattaccgag	agaatagttt	gtcatccact	tagtgtgtta	gctgggtggg	tacaataata	3540
cctctcatct	caggctattt	taaaaaaca	atatttgctt	ctataacaaa	aggaaacaaa	3600
tctaagaatc	attcctgtac	tacagaaggg	ttaaggcaaa	ggtagccttt	tgggcttttt	3660

aatgaatatg	acccctatag	aaaagtcaag	aaaaaaaaaac	ccttgtataa	attattttat	3720
ttattattgt	aattagatct	tcacaaagtt	gtcttttcac	tgtgttttgt	caacgtgaaa	3780
ttaaattgta	gttataagca	aaagttgggt	gcctagggaa	caattgtata	ttcagtttaa	3840
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<210> 6051
<211> 2165
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (508)...(718)
<223> similar to gil938351 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 6051						
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cgcgcgcgtc	tgccgcggtc	ctagcgccgc	tcggcttcac	gctccgcaag	cccccgag	180
tcggcaggaa	ccgccgtcac	caccggcacc	cgcgcggggg	gtacgtgcct	ggcagccgca	240
caccaccgga	tgcgctggcg	cgcggacggt	cgcttccttg	agaagctgcc	tgtgcatatg	300
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gtgtggtgta	tggccgtggg	catctcctac	attagcgtct	acgaccacca	aggtattttc	420
aaaagaaata	attccagatt	gatggatgaa	attttaaaac	aacagcaaga	acttctgggc	480
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<210> 6052
 <211> 6685
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (297)...(3455)
 <223> similar to gi3413868 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 6053

<211> 7028

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (28)...(6148)

<223> similar to gi30186 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6053

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<210> 6054
 <211> 236
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (41)...(115)
 <223> similar to gi32402 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6054
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 agttaactgg gaaataatct tgagctcatt tttatttttc tgtaagctca gctgctgaac 120
 gcccaaattc ttccttggtg catgcatgtt ccatatcgac gttctgctgc tatgcacgct 180
 ggtattctgc aatagctggc catgtttttc cttgagcctg ggtcgacgcg gtcgct 236

<210> 6055
 <211> 3801
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3648)...(1470)
 <223> similar to gi4775362 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6055
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 gtaacaaaaa tatttacatt aaaataaatt aacatgcaat tacttaacca tatgtaataa 120
 tttacgttgg aatatattag ccttcccatg agtttaataa aaactaatat ttgggttttag 180
 attcaatacc atcctttcaa atatttggtg tgaaacttgg tagcaatgca attgtctgat 240
 gtacagagca gatttcacca tgagagatta caccaaagaa cagatgtccc tccccagaac 300
 attatctcac ccagactca gaaactgagc agccaagctt ccttcccagg aatcaccatg 360
 gaatgtctga acaataacca ggccctggag attactgcag ggctggcaga gttttaggaa 420
 tcagccaaac tctttttcac actaaccac taggaaggat atagttcaaa tgtaatgttg 480
 agtccttcag tttatttgaa cactgaaaca atatgttgta gaaaccttca ttttcccaa 540
 atagaaatct gaaagatata tgcacatgat ttcttagatc atctaaaagt acccataaaa 600
 acctgtcact agggccagggt gtgatggctt acacctgtaa tcccagcacc ttgggaggga 660
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<210> 6056

<211> 368

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (360)...(200)

<223> similar to gi862343 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 6056
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gaaaataaag atcacttgta atgccaccac tgagaatcac tattaacata taaaaaatgt    180
atgtgtataa atgtaatata catatacacg tgtatatata catgactata cacatgtatt    240
aagcagcatg tgtgtatata caagtagtat atgcatgtat atatacctgt acagacatac    300
gtatatatac acacgcacat acacatacta cttacatagc tacacatatc aatggaggtc    360
taaaagaa
368

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<210> 6057
<211> 8605
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (7685)...(3974)
<223> similar to gi2224569 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 6057
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acttccttgt ccttgttaca cgtctacctc acaacctcac aattcaacaa caggtaaata    180
cctggattca ctgatttctt tactgtcctt ctctgagggg tgggaagggtg ggggctagaa    240
aaggctcata atttttaaac tcttggaat taaacttggg aatttctatt cctacagtgt    300
tttctctggg atttttagct cactgatcgc cctagaatag tgtgaactct ccagataggt    360
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<210> 6058
<211> 2632
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (87)...(539)
<223> similar to gi31843 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 6059

<211> 2018

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (192)...(1785)

<223> similar to gi4680298 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6059

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<210> 6060
 <211> 4509
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4462)...(688)
 <223> similar to gi2842424 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 6061
 <211> 3783
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (97)...(3515)
 <223> similar to gi36501 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6061

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<210> 6062

<211> 2799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (11)...(2673)

<223> similar to gi288563 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6062

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<210> 6063

<211> 2465

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (49)...(2275)

<223> similar to gil707522 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6063

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tttat						2465

<210> 6064

<211> 1484

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (21)...(1377)

<223> similar to gi202212 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6064

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gtcagatgcc	aagtataaaa	accattgggt	gtggggacga	ctccttcaac	acgttcttca	180
gtgagactgg	agctggcaag	cacgttgccc	agagcagtgt	ttgtggacct	ggagccact	240
gtggtcgatg	aagtgcgcac	agggacctac	aggcagctct	tccaccacga	gcagctgata	300
accgggaagg	aagatgcagc	cagtaattac	gccagggggc	attacaccat	cggcaaggag	360

attgttgacc	tagtcctgga	ccggatccgc	aaactggcgg	atctgtgcac	aggactgcag	420
ggcttcctca	tcttccacag	ctttgggggc	ggcactggct	ctgggttcgc	atctctgctc	480
atggagcggc	tctcagtgga	ttacagcaag	aagtccaagc	tagagtttgc	catttaccca	540
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cggcgcaacc	tggacattga	acgtcccacg	tacaccaacc	tcaatcgctt	gattgggcag	720
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atggaagagg	gagagtcttc	tgaggcccg	gaggacctgg	cagctctaga	gaaggattat	1320
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gagggtgtgg	tgggttctcc	actccactgc	cacccccatg	cgtggctgct	ttcaagttct	1440
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<210> 6065

<211> 2821

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2822)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (211)...(693)

<223> similar to gi57516 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6065

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caagccgagg	tgagactgga	gttcccaagc	gagaagagaa	gaggcagttg	aacacgtgga	180
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gaccagacta	ggcgaggcgg	gcggggcgga	gtgaatgagc	cctcttcttc	tttttcatcc	720
cggtcacttt	tggttacagg	acgtggcagc	tggttggacg	aggggagctg	gtgggcagg	780

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c						2821

<210> 6066

<211> 4829

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (521)...(3429)

<223> similar to gi3327208 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6066

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gagaataact	tacatggcta	atagtagtag	agtatctctc	ctgggttttt	cttttcttca	120

agtgtttata	gctaaataca	ttctgggaac	acttagaact	tgctaattca	gtattgctac	180
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aggtatatct	gcaacctgga	caactttggc	aggttctcat	ggtaaaagaa	ataataccat	300
aactacaacc	agttcaaaga	ggaaaaacag	gaaaaataaa	attactccag	aaaacgttca	360
aatttatatt	gatgatccac	taccaatttc	atacagtcag	ccagagaagg	tgaatggaga	420
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cagcgatgaa	agtagtaaca	gcaacagcag	togtaagagt	gacaatcatt	caccagctgt	540
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gaccagtaat	tctctatcta	cttgtaaaaa	atctggtcca	tctccccctt	cttctccaaa	720
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<210> 6067

<211> 1801

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1270)...(197)

<223> similar to gi4337106 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6067

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gaagtcaaag	ggcccaggtc	agaggcccaa	gttcagactt	cagcagcaga	ctagggtcag	180
actttaccaa	agtcagaact	cgaggttcat	gtaagtcctt	agateccgct	cccaagccct	240
gtctttcttc	ctccctcctt	ctctcctccc	tccagctcag	tgtggccacc	cgaggggggg	300
atctccctcc	cagccacagc	tcgggtatcc	caagctggga	aatgtgtcac	tcggggctgg	360
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gctcgggctg	cagcccatc	cagggtggac	tctggcttct	cgggctgtgg	ctgctgctgc	1200
ccatccttcc	agaggtcgct	ggggtcagtg	gctggggtga	aggtgatgag	caagggccgg	1260
gacatggctt	ttgggagAAC	tgagaaaatg	ataccaggca	agggaaggat	gagacaagta	1320
agccaagctc	gtggtgacct	tgtagcaacc	acagcctcag	agaccagtag	gaaaaaaaaa	1380
tcagcctggc	cctttaagtc	ttccgcgac	ccatttcgga	gtttcctctt	cccaaacaaa	1440
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gcttccgtac	cgcaaaatgg	cgccattctc	tcccctcatg	aggcaggagc	cggaggaaa	1560
cagtatgccc	gtcaagggtc	tctggcggga	ctgattcgca	ctagggggcc	aacaggcaat	1620
aaggacccag	cggattggcc	gaggataggc	cagtcacctg	ggcagcagcg	ccgcgccggg	1680
actagagggg	aacgtgagga	gagctgcgga	aagagatcca	gcctggctcc	ctcctttccc	1740
cgccctaagt	cagcctcttc	acccagttag	cacaaaactg	tattgcccag	actcccgggc	1800
c						1801

<210> 6068

<211> 2461

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (544)...(1667)

<223> similar to gi4406600 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6068

agatacgtat	tgagttgtgt	agctcaggaa	tactgtgttc	ccaactaaat	accttccaca	60
aaagtgtctat	taaaagaagc	tgtacctctg	aagataaagt	gggccagtct	gaagctctat	120
ctagagtccct	tcaagtagct	aagaaaatga	agttgatttc	taatggagga	gattctgctg	180
tagaaatgga	tcggagaaat	gtgtctgaat	ttaagagtat	taaaaaaaca	tcattaataa	240
aaaactgtga	ttctaaaagc	cagaagtata	attgtttagt	catgggtgcta	tctccatgcc	300
atgtgaagga	aataaacata	aaattcggac	caaattctgg	ctctaaagtg	cctttagcaa	360
cagttacagt	aattgatcaa	tcagaaacta	agaagaaggt	ttttctgtgg	aggactgcag	420
cattttgggc	atttacagtg	tttcttggag	atataatttt	actcacagat	gttggtattc	480
atgaggacca	atggattggc	gagacagtac	tacaatcaac	atttagcagt	cagttattaa	540
atcttgggga	gttattcatc	tattcagcct	gaagaatatt	cccagtgtag	tttgtggaag	600
ttgtacttca	agacttactg	gccatatgtg	tccccaaaa	cattcctacc	tcagagatct	660
tccctccgag	ggcagccctc	agaggggtgaa	cagtatagac	tttgtaggaa	ttgggagcac	720
cttcaacctg	atgtgttagt	ccacgcagta	ctaagagttg	ttgatttcct	atactgacag	780
aggcagtata	cagttataga	ggacagaagc	agaaaaaagt	tatgttaaca	gtggaacagg	840
cccaagatca	acattatgcg	cttgtattat	ggggctcctg	agcagcctgg	gtaccctcaa	900
cttcaaagga	aaaaagggtta	tatttgggaa	tttaaataatc	tttttggttca	gtgcaattac	960
acactagaaa	acctagaatt	gcatacaacg	ccttggtcat	cctgtgagtg	cttggttgat	1020
gatgatataa	gggcaattac	atttaaagca	aaatttcaaa	aaagtgcacc	ctcctttgtg	1080
aagatatcag	acttagcaac	ccacctagag	gataagtgtt	caggagtggg	tctgattaaa	1140
gccagatttt	cagagctggc	atttctctatt	acagcatctc	agaagatagc	gctaaatgct	1200
cacagttctc	tgaagagtat	tttttcttct	cttcccaaca	tcgtatatac	tggctgtgca	1260

aaatgtggat	tggaactaga	aacagatgag	aacaggatct	acaaacaatg	ttttagctgc	1320
ttgccattta	ctatgaagaa	aatatattat	aggccagcgt	taatgactgc	cattgatgga	1380
agacatgatg	tttgtatccg	tgtagaatca	aagctgatag	agaagattct	tctcaacatt	1440
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cagagccttt	ttgtgttaga	tgaaaacagc	tatccattac	aacaagattt	ctccctcctg	1620
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tatataaatt	aaaacttttt	tctaagaaaa	tcctgtgagg	tttaaaaaga	ttgtttttgt	1860
cttttggttt	cttcctttct	cctggagaaa	tgatctacca	gtcaaggcaa	tatgtagcag	1920
atccctggga	attaaagggt	tgcccatttg	ttcactgtat	ttagtccctg	ctacattcca	1980
ggcattgtac	taagtatggg	gaaccacaga	gaagacattc	cctcagaaac	tgctgcagtg	2040
ctttcgctta	tccctaccta	aaaaaccgtc	aatgtgaaat	catttccttg	attataacta	2100
taatgataat	ggattagttt	atataaacct	atgttttagac	aagttcaaga	caagcgtgtc	2160
tttctataaa	aagtattgaa	aatgaaggaa	atgagatcat	gtttcaattt	attaaagcag	2220
ggaagagcat	tctgtggtta	gttcgtgtct	aggatttgag	tgcttactg	aatgcattta	2280
ccagcaaaaca	tgtagcaatc	tgttctctca	ttgtgattgt	ggaagaagct	catgtaaaat	2340
gatagtcatt	aatgaggaag	tatggcgtgg	tacttattct	gtaagttcag	agtatgctga	2400
gtgttaatag	attatcatat	tgctgaaaa	taaattcatg	atgacatgaa	caaaaaaaaa	2460
a						2461

<210> 6069

<211> 2083

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (78)...(641)

<223> similar to gi5689810 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6069

ggcacgcgca	cgaacgcacg	gccgcgcagc	atctgtcttg	ctggaagctt	tttcctagag	60
gttgagcggg	ttgcacaatg	tcggaaatgg	ctgagttgtc	cgagctgtat	gaagagagca	120
gtgacctgca	gatggatgtg	atgcctggcg	agggtgacct	tccgcagatg	gaggtaggca	180
gcgggagccg	ggagctatcc	ctgcgtccct	cccgcagcgg	ggcccaacag	ctcgaggagg	240
aaggcccaat	ggaggaggag	gaggcccagc	caatggcggc	gccagagggg	aaacggagcc	300
ttgctaacgg	gcccacgct	ggggagcagc	caggccaggt	ggcgggcgca	gacttcgaga	360
gcgaggacga	gggagaggaa	tttgatgact	gggaggacga	ctacgactat	cccgaagagg	420
agcagctcag	tggtgcccgg	tacagagtat	cagccgctct	tgaagaagcc	gacaagatgt	480
ttctgagaac	aagagaacca	gccctggatg	gcgggtttca	gatgcattat	gagaagaccc	540
cgtttgatca	gttagctttt	atcgaagagc	tttttttcac	tgatggttgt	caatcgctctg	600
accgaagaac	tcggctgtga	tgagattatt	gatagagagt	agtttagatgc	tgttaaaaga	660
ggaggaaact	acttgaggag	ggacccaact	ttccgctatc	ttttgggttc	attccaaata	720
gttttggtcc	attgaaaaac	ttgaccttca	aaaaaatttg	tttttcagaa	tagaacacaa	780
taggacagtg	actgcacagt	tgtgaaaaag	gaagagaatc	attaaagaaa	aagaaaaaag	840
attttaagac	cgttgaaatc	aattatcaag	aacgtcctaa	aacacctatg	gctttgactt	900
tgttattgat	ccagattatt	ttccttgcat	tggggaaaaa	atctttcata	tttgtttgct	960

gtaaagatgg	ttttgcaaga	ataagtcatg	accaagacaa	actgccata	caaaagccca	1020
ctgatactaa	ttatataatg	agaaaaaaat	gtatccaact	aggacacata	tcttttgagt	1080
tatttggaact	gaaagcttaa	gaaaacttgg	aaaattctat	tttgtgatct	agtcaagcca	1140
cagttatcaa	aggctacatt	ttcagtgtaa	gataaatgga	tgagtaaact	caaatatgta	1200
tcacgtgtgc	tttgtatctt	aagatgtggt	tccaagagca	tctgaaattt	tgtttgata	1260
tgtatcttga	tcatttataa	agccactgtg	atctataaat	caagaaaatc	cattgtcata	1320
accattttta	aaagtcaaaa	attaagacat	ccttaattaa	aaagtttcaa	atctagacac	1380
taaatgtgtg	tgaatgtaca	aagaaaacaa	accattgctt	atgctgttat	atactagaga	1440
aattttgttt	tgcttgctgt	tttaacttga	cagatgaagg	actttagtgt	aacttcatat	1500
tgtaagaact	gttaataaaa	gttgtcaagt	aaaaagcgct	atatctaaaa	agactttatg	1560
aacagttatt	ctatcaactt	ttaaagggtt	taaacctgcc	cagaaattac	cttggtatct	1620
gaagtttccc	tctgtctcct	cctctaatta	agcttggtat	ttgtcatgca	ccagcattgg	1680
agataataaa	atttcttggt	ctgtgtat	tgtttggtta	atagtattgc	atacatactt	1740
tctctgtata	ctactttcta	ttgtatgtgt	taaccagtat	taagggaata	tgatccagct	1800
tcagctatct	aattcacaaa	ttaatttctg	gaaattaaac	tttgtaaatt	aagtttttgc	1860
ctataagaat	ttgctggctc	gggaaaacct	gccctatcaa	tgagtatgtt	gccgtgggta	1920
ccttactaag	atgctgaagt	tctaggagag	taatgattac	atcagaaggc	taggttcagc	1980
aaaataagtg	tatcagcagg	ttttatcatg	atcagtaaaa	atgttccaaa	tgcttctgct	2040
ccattatagc	agtaaagaac	gaatatccaa	tgcaaaaaaa	aaa		2083

<210> 6070

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (697)...(248)

<223> similar to gi5932428 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6070

tttttttttt	ttaataaaaac	cataacaaat	ctttcattaa	agatctactg	agaccttggc	60
tgaaatcatc	tattattggt	gctagttagc	ctctcttcta	tagttgggta	atgtgtgtct	120
tgccactgtg	tttgccagct	ctcccaagt	aaaagaacac	ttttataaaa	aaaattaatt	180
gctccaagtt	ttcaggccca	ggggaggctc	tcccattctc	ctccttcaat	aagtcccgtc	240
caggtaagag	gtgatcttgt	ggataaattc	atcatacttc	actttgccat	tgggttcgat	300
atctgccttc	cctgaagaga	tcatcccact	tccttggtgg	tgagcttctc	ccccagactc	360
gtgagttttg	accgcaggtc	ggacgccatg	acgtaacctt	tcttctcctt	gtccaccatc	420
aacatggcta	gaagaatttc	tttctttggg	tcttcttggt	ttatttgcat	gtgcataatg	480
gtcagaaaag	tggagaaatc	cagctctcca	tttccgtcta	tcccgtgggt	ctgcagggtgc	540
cgctgcacct	cccctggcgt	cgggctggcc	cccaggcacc	tcatggccac	catgaggctg	600
gtggctttta	tcttccccct	ctgctgcttg	tcatacaggg	agaagcattc	cttgactca	660
ttaatttggt	cttgggaaag	aaacttgccc	attctggggc	ctcagctgct	acccgtgggc	720
ttgctgctcc	cagaaccgcg	ttcagttccc	tttctctcct	cgtgcc		766

```

<210> 6071
<211> 412
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(413)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (8)...(343)
<223> similar to gi34201 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6071
ggcacgagct ggaaggctgt ggtcgaaggc catttttttt tgctagttat aagcggagtg      60
ggtctccaga accaaaggga gctcattctt ctcaaaattg acggtgttta tgcccaagaa      120
gaaactgaat tgtatttggg caagagatgc gcttatgtac acaaagcgag aacagcacac      180
tgactcctgg cggcaaacca aacaaatcca gagttatctg gggaagggtc actccggcgc      240
acggaaacag cggcatggtt catgccaaat tccgaagcaa tcttcctgct aaggccactg      300
gacacagaat ccatgtgatg ctgtacctct caaagattta gaactaacga aagtaaataa      360
ataaaaagtg atttgtcaaa tcgggcggnc gtggcggtc aacgctgtaa tg              412

```

```

<210> 6072
<211> 3577
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (70)...(823)
<223> similar to gil212951 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6072
gctcggtaaa tatgtgttca ttaactgaga ttaaccttcc ctgagttttc tcacaccaag      60
gtgaggacca tgtcctgtt tccatcactc cctctccttc tctgagtat ggtggcagcg      120
tcttactcag aaactgtgac ctgtgaggat gcccaaaaga cctgccctgc agtgattgcc      180
tgtagctctc caggcatcaa cggcttccca ggcaaagatg ggcgtgatgg caccaaggga      240
gaaaaggggg aaccaggcca agggctcaga ggcttacagg gccccctgg aaagtggggg      300
cctccaggaa atccagggcc ttctgggtca ccaggaccaa agggccaaaa aggagaccct      360
ggaaaaagtc cggatggtga tagtagcctg gctgcctcag aaagaaaagc tctgcaaaaca      420
gaaatggcac gtatcaaaaa gtggctgacc ttctctctgg gcaaacaagt tgggaacaag      480
ttcttctga ccaatggtga aataatgacc ttgaaaaag tgaaggcctt gtgtgtcaag      540
ttccaggcct ctgtggccac cccaggaat gctgcagaga atggagccat tcagaatctc      600

```

atcaaggagg	aagccttcct	gggcatcact	gatgagaaga	cagaagggca	gtttgtggat	660
ctgacaggaa	atagactgac	cctacacaaa	ctggaacgag	ggtgaacccc	aacaatgctg	720
gttcctgatg	aagattgtgt	attgcctact	gaaaaatggg	ccagtggaat	gacgtccccc	780
gctccacctc	ccatctggcc	gtctgtgagt	tccctatctg	aagggtcata	tcactcaggc	840
cctccttgtc	tttttactgc	aacccacagg	cccacagtat	gcttgaaaag	ataaattata	900
tcaatttcct	catatccagt	attgttcctt	ttgtgggcaa	tcactaaaaa	tgatcactaa	960
cagcaccaac	aaagcaataa	tagtagtagt	agtagttagc	agcagcagta	gtagtcatgc	1020
taattatata	atatttttaa	tatatactat	gaggccctat	cttttgcatc	ctacattaat	1080
tatctagttt	aattaatctg	taatgctttc	gatagtgtta	acttgctgca	gtatgaaaat	1140
aagacggatt	tattttttcca	tttacaacaa	acacctgtgc	tctgttgagc	cttcctttct	1200
gtttgggtag	agggctcccc	taatgacatc	accacagttt	aataccacag	ctttttacca	1260
agtttcaggt	attaagaaaa	tctattttgt	aactttctct	atgaactctg	ttttctttct	1320
aatgagatat	taaaccatgt	aaagaacata	aataacaaat	ctcaagcaaa	cagcttcaca	1380
aattctcaca	cacatacata	cctatatact	cactttctag	attaagatat	gggacatttt	1440
tgactcccta	gaagccccgt	tataactcct	cctagtacta	actcctagga	aaatactatt	1500
ctgacctcca	tgactgcaca	gtaatttcgt	ctgtttataa	acattgtata	gttggaatca	1560
tattgtgtgt	aatgttgtat	gtcttgctta	ctcagaatta	agtctgtgag	attcattcat	1620
gtcatgtgta	caaaagtttc	atccttttca	ttgccatgta	gggttccctt	atattaatat	1680
tcctcagttc	atccattcta	ttgttaatag	gcacttaagt	ggcttccaat	ttttggccat	1740
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tcactaccta	tccaggagtg	gaactggtag	aggatgagga	aagcatgtat	tcagcttttag	1860
tagatattac	cagttttcct	aagtgattgt	atgaatttat	gtccctaccg	gcaatgtgtg	1920
gcagtcctag	atgctctatg	tgcttgtaaa	aagtcaatgt	tttcagttct	cttgattttc	1980
attattcctg	tggaatgtaa	gtgatatttc	cccatggttt	taatctgtat	ttccccaca	2040
tgtaataagg	ttgaacactt	ttttatatgc	ttattgggca	cttgggtatc	ttcttctgtg	2100
aagtaccctg	tcacattttt	gtattttgtt	taaattagtt	agccaatatt	tttcttactg	2160
atttttaagt	tattttttaca	ttctgaatat	gtccttttta	atgtgtatta	caaataattt	2220
gctagttttt	gacttgctcc	taatgttgaa	ttttgatgaa	caaaatttcc	taattttgag	2280
aaagtcttat	ttattcatat	tttctttcaa	aattagtgtc	ttttgtgtca	tgtttaagaa	2340
atttttgccc	atcccaaaat	cataagatat	ttttcatgat	tttgaaacca	tgaagagatt	2400
tttcatgatt	ttgaaatcat	gaagatatatt	ttccattttt	ttctaatagt	tttattaata	2460
aacattctat	ctattcctgg	tagaatagat	atccacttga	gacagcacta	tgtaggaaag	2520
accatttttc	ctccactgaa	ctaggggtgg	gcatttttgt	aagttaggta	actgtatgtg	2580
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acactatctt	aattattgta	catttatagt	tgtaactgta	gtccagcttt	gttcttcttc	2700
aagtcaagat	ttccatataa	atattagaaa	cagtttctca	atctctacaa	aatcctgatg	2760
aggtttctac	tgggaccaca	ttgagtctat	caatcaactt	atgcagaact	ggcaacttac	2820
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ttagtgattt	taataatata	ttttaaatat	tttttctttt	ctattgttgt	acacagaaat	3000
acagttaagt	tttgtgtgta	gtcttacgat	gtttagtaac	ctcaataagt	ttatttctta	3060
aatctagtaa	ttttagatgt	cctctggatt	ttgtatatgc	atagtcatgt	aagctgaaaa	3120
tatggcaata	cttgcttctt	cccaattgct	ttaccttttt	tcttacctta	ttgactgggt	3180
tagcaacccc	aatacagaga	ccaccagagc	aggatatagac	tcttgaaaga	caatataatg	3240
aagtgtctcca	gtcaggccta	tctaaactgg	attcacagct	ctgtcactta	attgctacat	3300
gatctagagc	cagttacttt	gtgtttcagc	catgtatttg	cagctgagag	aaaataatca	3360
ttcttatttc	atgaaaattg	tggggatgat	gaaataagtt	aacaccttta	aagtgtgtag	3420
taaagtatca	ggatactata	ttttaggtct	taatacacac	agttatgccg	ctagatacat	3480
gctttttaat	gagataatgt	gatattatac	ataacacata	tcgattttta	aaaattaaat	3540
caaccttgct	ttgatggaat	aaactccatt	tagtcac			3577

<210> 6073

<211> 2626

<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature

<222> (138)...(1318)

<223> similar to gi475210 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6073

gccgtgggat	cccggatagg	aggaggaggg	gacccatagg	acgcgttaac	atggacctgg	60
aaaacaaagt	gaagaagatg	ggcttaggtc	acgagcaagg	atttggagcc	ccttgtttaa	120
aatgcaaaga	aaaatgtgaa	ggattcgaac	tgcacttctg	gagaaaaata	tgctgtaact	180
gcaagtgtgg	ccaagaagag	catgatgtcc	tcttgagcaa	tgaagaggat	cgaaaagtgg	240
gaaaactttt	tgaagacacc	aagtatacca	ctctgattgc	aaaactaaag	tcagatggaa	300
ttcccatgta	taaacgcaat	gttatgatat	tgacgaatcc	agttgctgcc	aagaagaatg	360
tctccatcaa	tacagttacc	tatgagtggg	ctcctcctgt	ccagaatcaa	gcattggcca	420
ggcagtacat	gcagatgcta	cccaaggaaa	agcagccagt	agcaggctca	gagggggcac	480
agtaccggaa	gaagcagctg	gcaaagcagc	tccttgccca	tgaccaggac	ccttcaaagt	540
gccatgagtt	gtctcccaga	gaggtgaagg	agatggagca	gtttgtgaag	aaatataaga	600
gcgaagctct	gggagttaga	gatgtcaaac	ttcctgtgta	gatggatgcc	caaggcccca	660
aacaaatgaa	cattcctgga	ggggatagaa	gcaccccagc	agcagtgggg	gccatggagg	720
acaaatctgc	tgagcacaaa	agaactcaat	attcctgcta	tgctgcaaaa	ctgagtatga	780
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atgagaagct	atactgtggc	agacattact	gtgacagcga	gaaaccccca	tgtgctggct	960
gtgacgagct	gatattcagc	aatgagtata	cccaggcaga	aaaccagaat	tggcacctga	1020
aacacttctg	ctgctttgac	tgtgatagca	ttctagctgg	ggagatatac	gtgatgggtca	1080
atgacaagcc	cgtgtgcaag	ccctgctatg	tgaagaatca	cgctgtggtg	tgtcaaggat	1140
gccacaatgc	catcgaccca	gaagtgcagc	gcgtgacctc	taacaatttc	agctggcatg	1200
catccacaga	gtgctttctg	tgtctttgct	gcagcaaatg	cctcattggg	cagaagttca	1260
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<210> 6074
 <211> 6375
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(6376)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (6209)...(3271)
 <223> similar to gi3043658 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6074

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<210> 6075

<211> 1891

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (178)...(1397)

<223> similar to gi5231137 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6075

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<210> 6076

<211> 4323

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (186)...(3371)

<223> similar to gi4200325 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6076

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gtgatgtata	tagaattagt	actttatttt	tatttttaag	aggtaaagca	ttatgttggg	4260
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<210> 6077

<211> 1164

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1146)...(373)

<223> similar to gil374879 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6077

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ggagcactgt	gtccaaacca	aggaagtcca	atgtgggggtg	tggctgagtg	aagagctggt	240
cctaaggagc	caagtgtctgt	ctatacaggc	ttgccccctc	caggagcatt	gggtcacctc	300
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tggaacaggt	cacctgagca	aaagcatgtc	cccaagaagg	ccagcgatgt	caacatctcc	420
aatgataggg	cgaaagaaga	ggtccccaag	caggctgggc	ggaatggact	tgaggggtgga	480
ggccgtgagg	aggacacggg	tcaggcgccc	ttgggctgct	gggcaccagg	gttccaggac	540
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<210> 6078

<211> 5175

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5175)...(2789)

<223> similar to gi2997619 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6078

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tcataaccag	gaaatagcat	agcacttcat	gacctaagag	tgatgaaagc	aagaccaggg	180
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<210> 6079

<211> 6584

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(6585)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (272)...(5450)

<223> similar to gil663706 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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gactggtggt	gaagaaatga	tagcaacaag	aaaagttgaa	caagattcaa	aggagacagt	300
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<210> 6080

<211> 6421

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (36)...(5664)
 <223> similar to gill136430 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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a 6421
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<210> 6081
<211> 1114
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (914)...(248)
<223> similar to gil669621 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
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```

```
<210> 6082
<211> 3364
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3215)...(639)
<223> similar to gi30508 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
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<210> 6083

<211> 3494

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (84)...(2346)

<223> similar to gi520934 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6083

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<210> 6084

<211> 4407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (447)...(2959)

<223> similar to gi4886427 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6084

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<210> 6085
<211> 1734
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (160)...(1624)
<223> similar to gi5916108 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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gtggccatca	tcacatcag	cgggctggtg	ctcctggccc	aaggaaacac	aaagaatttt	780
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ggactctggg	cctatgatgg	atggaatcaa	ctcaattaca	tcacagaaga	acttagaaac	900
ccttacagaa	acctgccttt	ggccattatc	atcgggatac	ccctggtgac	ggcgtgctac	960
atcctcatga	acgtgtccta	cttcaccgtg	atgactgcca	ccgaactcct	gcagtcccag	1020
gcggtggctg	tgacatttgg	tgaccgtggt	ctctatcctg	cttcttggtg	cgttccactt	1080
tttgtggcat	tttcaacat	cgggtgctgt	aacgggacct	gcttcacagc	gggcagactc	1140
atttacgtgg	cgggcccggg	gggtcacatg	ctcaaagtgc	tttcttacat	cagccgtcag	1200
gcgcctcact	ccagcccccg	ccatcatctt	ttatggatc	atagcaacga	tttatatcat	1260
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aagccgatta	ccatgcacct	tcagatgcta	atggaagtgg	tcccaccgga	ggaagacctt	1620
gagtaacaag	ctccgtctct	tgtagccaag	tcagctgaat	ttattttctt	aagcaatatt	1680
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```

<210> 6086
<211> 884
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (271)...(56)
<223> similar to gi55677 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6086
ggcacgagcc tgcagggcct cagagaagca tgggaaagcc cttcaggtgt taggggaagg      60
tgattttgag ttgttccttc actttgttga atgtctctga aatccagttc tggggccttg      120
caggaatggt gccgcttgca gtggctgccg ttcagcttat ctgggatgtg tccaagatg      180
ctggagttgt ctggggccat ccagactggg gctgggattt ccacacccat ggagccacga      240
ctaggactgg gactgacaga acgagtttgg ggggtgctgcc agagggggcac tctagattgt      300
tcttgggata gcacaggttc ccagatacag ttctaagcca ttgaggggct aggagcagaa      360
tcgtcttagt ggaggtgatt gctaactctg aggtgtactt gccatgagcc agttgctgtt      420
aggggatgag ctgattcctg tcaactccac tttagagggg atgctgacac agctagttag      480
aggtggggca gggacttgaa cctctattct ttagctatag aacttctgtc cttaaccact      540
atgctatgcc taaaatctga ggagacttct ggtaggactc tttctccac agcccaaagg      600
aaaaaggaag cccaagaaa tgttttatct tagggaaact ttcttggaac cacttccttc      660
cctcaggcct gcactggttt ttgtagtac tctaaggatg tctgtcatgc aaggatgtgt      720
tacctatggc cccatgtcag gagaatgatt aggttcctgt gaagttttaa aaaaatcctg      780
ttagatacta gagatacaca gtaactgcca tatattactt tctacatgca aggcacttgt      840
acagaggttg aaaagatgtc tccatttaag cgtccattta agcc                        884

```

```

<210> 6087
<211> 2054
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2055)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (72)...(1449)
<223> similar to gi2337865 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6087
cggccgcgctc gacccgcacc atgggggtccc gccacttcga ggggatttat gaccacgtgg      60
ggcacttcgg cagattccag agagtccctc atttcatatg tgccttccag aacatctctt      120
gtgggtattca ctacttggct tctgtgttca tgggagtcac ccctcatcat gtctgcaggc      180
ccccaggcaa tgtgagtcag gttgttttcc ataatcactc taattggagt ttggaggaca      240
ccggggccct gttgtcttca ggccagaaaag attatgttac ggtgcagttg cagaatgggtg      300
agatctggga gctctcaagg tgtagcagga ataagaggga gaacacatcg agtttgggct      360
atgaatacac tggcagtaag aaagagtttc cttgtgtgga tggctacata tatgaccaga      420
acacatggaa aagcactgcg gtgacccagt ggaacctggt ctgtgaccga aaatggcttg      480
caatgctgat ccagccccta tttatgtttg gagtccactc gggatcgggtg acttttggct      540
acttttctga caggctagga cgccgggtgg tcttgtgggc cacaagcagt agcatgtttt      600
tgtttggaat agcagcggcg tttgcagttg attattacac cttcatggct gctcgctttt      660
ttcttgccat ggttgcaagt ggctatcttg tgggtggggt tgtctatgtg atggaattca      720
ttggcatgaa gtctcggaca tgggcgtctg tccatttgca ttcctttttt gcagttggaa      780
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tgaacagggt caagctcctg taaactgtca gaacttttat cactggacct acaaggctct     1020
gttagtaata gccccactga agttcagaag cacaacctat catatctgtt ttataactgg     1080
agcattacga aaaggacact taccgtttgg ctaatctggt tcaactggaag tttgggattc     1140
tactcgtttt ccttgaattc tgtaactta ggaggcaatg aataacttaa cctcttcctc     1200
ctgggtgtag tggaaattcc cgcctacacc ttcgtgtgca tcgccatgga caaggtcggg     1260
aggagaacag tcctggccta ctctcttttc tgccagtgca ctggcctgtg gtgtcgttat     1320
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gcgccgttct ctgtggacct cagcagcatt tggatcttca taccacagtt gtttgttggg     1560
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ctagcaacta cttgggagga ggctgcaaaa ctggagtcag agaatgaaag caagtcaagc     1680
aaattacttc tcacaactaa taatagtggg ctggaaaaaa cggaagcgat taccctcagg     1740
gattctgggtc ttggtgaata aatgtgccat gcctgctgtc tagcacctga aatattattt     1800
accctaattg ctttgtatta gaggaatctt attctcatct cccatatgtt gtttgtatga     1860
ctttttaata aattttgtaa gaaaatttta aagcaaatat gttataaaaag aaataaaaaac     1920
taagatgaaa attctcagtt taaaaaactg ctttcttatt gctgcaaaat atttttcaac     1980
atgtgttttt ctatgtagtt gattctcaac ctttccccac caccctccta ccaagctcgt     2040
gccgaattct gcgc                                           2054

```

<210> 6088

<211> 2604

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (408)...(812)

<223> similar to gi4886499 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6088

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taccggattc	cgccccgggc	ctccaaccgc	ggttacaggg	cctctgactg	gaaattagac	180
cagcctgatt	ggactggtcg	cctccgaatc	acttcaaaag	ggaagactgc	ctatatcaaa	240
ctcgaggata	aagtttcagg	ggagctcttt	gctcaggcac	cagtagaaca	atatacctggt	300
attgctgtgg	agacggtgac	agattctagc	cgctactttg	taatccggat	ccaggatggg	360
actggtgggt	aaagcaggaa	tctgagattt	ccaaggaatc	tcaagaaatg	gatgctcgtc	420
ctaagttgga	tctgggcttc	aaggaaggac	aaaccatcaa	gttgtgtatc	gggaacatta	480
caaacaagaa	aggaggtgct	tctaagccca	ggactgcaag	gggtgggggt	ctgagcttac	540
tcccaccccc	gccaggaggc	aaagtcacta	ttccccacc	atcctcctca	agttgccatc	600
aaccaatcat	gtcaccccac	catccattcc	gaaatctaac	catggaggca	gtgatgcaga	660
tatcctttta	gatttggtg	ctcctgctcc	tgtcacgaca	ccagcaccaa	ctccagtttc	720
tgtaagcaat	gacttggtgg	gagacttcag	cactgcctcc	agctctgttc	caaaccaggc	780
accacagcca	tccaactggg	tccagttctg	aatggcattg	gcaggacatt	aaggacagac	840
ttgaggaata	aaaatgacct	tgagggcacc	aatctgtgag	ggaagttagg	aaccattttc	900
ctccccagaa	ccagaatgac	tggacaatct	ttttcatagc	ttctccatca	cattcaagct	960
ggtttatgtc	actccctgt	gttgttactt	gtacagccaa	gaaagtatct	gttatctcct	1020
gcgtagtacc	aaggtagggg	gactagttag	atcttattat	agttttgggc	tggactatgc	1080
agggcttaaa	aggccagcgt	ctgtttgagg	gggaatgacc	tctaacatct	gtaaaatttg	1140
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ttgtgaagcc	ctatttagca	atttcagggg	agtcaaaaac	cttgcaactt	ccttctccac	1260
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tattgtgctc	agtgaacatc	cagtgtctgg	tgcagctcca	tcaccctctt	gtgtgtttac	1440
atgtctcttt	ctatgataag	agggttgtgt	tgggtggcacc	tccactactc	ttttctgttt	1500
gttgagtttg	aattgtgtaa	catctttgat	cagtgggtgt	atctgtaatg	aaggaggttc	1560
aagaggctgt	gctttccaag	tgatagtcta	taggagtgtt	taatttcttg	cagctccatc	1620
tgggtgctgc	atttgaagca	tggcattaat	ttgtatttgc	cctgttcttt	gacctaaagt	1680
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ggtgcaataa	tggtaattaa	aaatatgaaa	aaaagtgtct	cttttatctt	ttaatttgct	2520
tatttgatta	ccttttaaat	ttaattgacc	aaatataagt	ggaccagtag	ttaataaagg	2580
atattttatat	cactctttat	taag				2604

<210> 6089
 <211> 4446
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (309)...(1361)

<223> similar to gi4589504 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 6089
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ggagcatggg ctctcaggct gctgctgagt ggaggaaact ggctctctgg gaggggtcct      180
ccagcctctc tggatgctcc atgggggtgct tcaaggatga ccgcatcgtc ttctggactt      240
ggatgtttct cacctacttc atggagaaat gggctccccg gcaggacgac atgcttttct      300
atgtgcgccc gaagctggcg tactccggca gcgaaagcgg tgcagacggg aggaaggcag      360
ctgagcctga ggtggagggt gaggtgtacc ggcgggactc caagaagctg ccaggcctgg      420
gagaccctga catcgactgg gaggagagcg tctgcctgaa tctcatcctg cagaagctgg      480
actacatggt gacctgtgcg gtgtgcacac gtgctgacgg cggggacatt cacatccata      540
agaagaaatc tcagcaagtg ttgcgctccc ccagtaaaca ccccatggac agcaaggggg      600
aggagtccaa gatcagctac cccaacatct tcttcatgat tgacagcttc cgaggaaggt      660
gttcagcgac atgaccgtag ggaaaggaga gatggtctgt gtggagctgg tggctagtga      720
caaaaccaac acgttccagg gggctcatct tcagggtctc atccgctacg aggcgtcaa      780
gaaggtgtat gacaaccggg tgagcgtggc cgcccgcatg gcacagaaag atgtcgtttg      840
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agaggactcc agcccagctt cgcccattga cgagcgggtg acctccttca gcacaccccc     1020
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gcggaaccgg atcgctgaga tgaagaagtc gcactcggcc aacgacagcg aggagtctct     1140
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gtcgggcaca ggacggtccc tggtcgggtc ctggtgaag ctgaacagag cagatggaaa     1260
cttcttctc tatgcacact taacctacgt cacgttgccg ctgcatcgga ttttaacaga     1320
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gagccccggc cgggcccagc cctcggagtg ctgccaagtg cctacctgtc caccgccacc     1440
gggggtctgc atggcacgc agtgctggag ccgcagccag gcgaggccac tgcactcccg     1500
gggcccgggc cgactccacg aacaccagcc caaactgaag tgctctctcc ctcccctgct     1560
ggcgtgctc cgccctgtgc ccccgcacca tgcccccca cccatctctg gagagccctc     1620
tgcacccaaa gaggactaga gatgccgagc ggccatgaga gagagcggaa ggagcagctg     1680
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ggaagattct ggaatgccgt gcggatgaac ttcagcgcgc gagtcagtc cagctcatcc     1860
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ggccccgatc ccgccagaac ggctttttgc ttccagccaa agaacaccgc caacacgcac     2040
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tctgagggtg gtcgggaggg ctcggtagcc aggcagaaca ggatatctgc caaaggggtg     2160
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tccagcatga aggcgtttcc atctgcaagg atgcacggta cctccccga gagcaggcct     2460
gtcccctacc caactgggaa taaactggaa gctgggtctc tttgttgcta tgtttttttg     2520
tttgaagtcc ccaggaatat ttgaggggtt ccggtgatgt gtttagggat cttctctgtg     2580
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cagcacagag	ccaggtcatg	tcatgcccc	aagtgtggg	acagagcctc	agggagcccc	3060
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gagtccatgt	ggctaaaata	cacccatttc	ttcaggaact	cttcccctgg	ttgtttctggg	3180
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gaataaagta	atagagtaac	aagtggcagg	gccagaacca	gggtcccca	agtcctggtg	3960
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tgtctc						4446

<210> 6090

<211> 3941

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3912)...(1655)

<223> similar to gi49518 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6090

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aagttaacac	aatgtgtgct	gctttcatga	ggaggaaaga	ggcaagatct	tagaggaatc	180
caggatactg	gccaccagga	atcacaggat	ctcacataac	aatccacttc	tttaaaagcc	240
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aaaagtatac	aatggcaag	atttgagat	gatctgcttt	ctcacatgag	gacaaataac	360
agaggagcca	cacccaagtg	ccactgtggc	cacaagcctc	atgggtggcg	tgtgaggtaa	420
gcaccttagg	atggcttcta	attgcttgct	cttgcatttt	aagcagcagt	tgggagagag	480
aggcacactc	cataagtctc	atcaccaaat	atgacctaat	taaattcctg	ctaagtcagt	540
cagttgtaag	acaaatcacc	ctcaaaagga	ctcaacgggt	gcttcctttt	ggaagaagtg	600
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<210> 6091
<211> 3670
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (62)...(2131)
<223> similar to gi5139484 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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gagtgtgatg cagaagtacc ttgcagagag aaatgaaata acctttgaca agattttcaa      240
tcagaaaatt ggtttcttgc tatttaaaga tttttgtttg aatgaaatta atgaagctgt      300
acctcaggtg aagttttatg aagagataaa ggaatatgaa aaacttgata atgaggaaga      360
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tgaattaaat atccatttga ccatgaatga gttcagtgtg cataggatta ttggacgagg      660
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<210> 6092

<211> 2933

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (124)...(1931)

<223> similar to gi3820592 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6092

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<210> 6093

<211> 3490

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (91)...(2613)

<223> similar to gi388765 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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ttatgtatgt	aacaaaccag	cacttctctg	gcattgtacc	ctgaacttaa	aagttaaaaa	3420
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agtatacaga						3490

<210> 6094
 <211> 1761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1762)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1061)...(444)
 <223> similar to gi5817065 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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atgtctcagt aaagaggggc aggtcatgaa tagagcctcc acccccagca ggggggttcct    180
ggggcccgcg caagcactgg gctaaaacgt ggaaactggg cattgacaaa gtacagcggg    240
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ggatggaaag tgatgagctg gggctgggct cctggctccc cctggataat gccacaggga    360
aggagctcaa acacagggct gtttcgagtg cgaaaaagga ggatgactgg tttaccatcc    420
tgtacccttg gctttccttt cataagcaca gccagacgtt cccactggg gtcccagacc    480
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caacgttctg gaaaagacag ggagtaaate agtggtcttc ccaatacagt gaacagcagt    660
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gaacggcaca gaccgcactc ccgcaactcg gttcccgggc tagattcgta tgcggacggg    1680
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tcgtggcgaa ttctaaagg g                                1761

```

```

<210> 6095
<211> 1273
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (250)...(1041)
<223> similar to gil262338 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

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cttgccagca gtcaaaatgg ctccattccg gaatagattt aataggaagt gaagctgtga 180
cggcgaggcg ttgcccggcc tatctttgct aggcgttctc agaattagtt ctttctgccc 240
acactagaca tggcgcttgc cagcgtgttg gagagaccgc taccggtgaa ccagcgcggg 300
tttttcggac ttgggggtcg tgcagatctg ctggatctag gtccagggag tctcagtgat 360
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agggtacag cgggtgctta cattgcctcc cagacgggtga agaagggtgat agagatcaac 540
ccatacctgc taggcaccat ggctgggggc gcagcggatt gcagcttctg ggaacggctg 600
ttggctcggc aatgtcgaat ctatgagctt cgaaataagg aacgcattctc tgtagcagct 660
gcctccaaac tgcttgccaa catggtgtat cagtacaaag gcatggggct gtccatgggc 720
accatgatct gtggctggga taagagaggc cctggcctct aactacgtgg acagtgaagg 780
gaaccggatt tcaggggcca ctttctctgt aggttctggc tctgtgtatg catatgggggt 840
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ctactcacta ctc 1273

```

```

<210> 6096
<211> 5210
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1991)...(5117)
<223> similar to gi3043678 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400>	6096					
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agaatatggg	aatcgtcttc	cgctgccacg	cacgcaagtt	gtgaacattc	caagccaatg	180
tatacaattt	ggagggggaag	gctaacaacat	agcatcaacc	acgctactga	acataggaat	240
ttttcattta	aaaagattaa	aaattagata	gcaatgtctt	cttaatatgt	ctctcgtcat	300
tgaagactga	ggaaaaataa	aaagtgactt	tataagtttt	ttaaaaaaaag	aggcaatggg	360
gaaaaaaaaca	agaggctgct	acaacactgc	catacagtca	aaccatcata	cttcaatatt	420
tgcatactcg	atagcagcat	tattttttact	gaaccgtgtg	caactacatg	tagaaacaca	480
tcaaagcaaa	atatcatggc	agttatcaat	caagatccaa	aaaggaaaaa	aacaaacaaa	540
aaaataaactc	taggatgaac	acactataag	aacattttatg	gagaaagaat	cagtatctac	600
attcttggac	tgttccattc	tgcccccaata	aaagtgtcaa	ttcaactgtc	agctgtggat	660
ttttggcgga	tttgagtttt	tccagttctt	atgatactgc	atgcttggaa	caaaggggggt	720
cataataaat	ccttctacac	aatgaacttc	ataggcagac	agctgaaaat	aaatttacta	780
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<210> 6097

<211> 668

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (107)...(589)

<223> similar to gi563324 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6097

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gctcatggcg	cctcccgtcc	gtctcgagcg	tccctttcct	tcccggcgct	ttcctggggt	180
gcttctggcg	gccctgggtg	tgctgtgtgc	ctccttctcc	gatcaatgca	atgtcccgga	240
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tttcgaaa						668

<210> 6098

<211> 6730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (369)...(6289)

<223> similar to gi36124 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6098

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ttccttttcc	cttctttttt	tttctttttt	gggagctgaa	aaattttccg	taagggaag	180
aagggtcctt	ttcgctcctt	atttccccgc	ctccttccct	tccccacctt	ccccctctcc	240
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acctaggcgg	aggcggcgca	ggctttttgt	agtgaggttt	gcgcctgcgc	agcgcgcctg	360
cctccgccat	gcacgggggt	ggccccccct	cgggggacag	cgcatgcccg	ctgcgcacca	420
tcaagagagt	ccagttcgga	gtcctgagtc	cggatgaact	gaagcgaatg	tctgtgacgg	480
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<210> 6099

<211> 1240

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (456)...(746)

<223> similar to gi3242079 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6099

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<210> 6100

<211> 7431

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (392)...(5946)

<223> similar to gi5456754 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6100

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<210> 6101

<211> 1704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1679)...(139)

<223> similar to gi5763727 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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acagatatta aaaactcagt ctccaaaatg ctcaataaag atgtctgggt gacacttata      180
gaattgacct agcaaatttt ttcttctctt tggcagaaag ttttgaatcc tcatcaagag      240
tttttagtaa attcaacagc tcatcttttg ttgtcttctc tgtattgttg gaatagtcac      300
gttgatcaat tctctggcaa taaatatatc ctgcctctct atttggatct ctcccgttct      360
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catctttctg atgatccatt taaaaagagt accagaagat ctgttttgcc tttggataaa      480
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tctttctgta atttaaactc agaaggattt gctgcaacag ccatgaaata cagtagtctt      600
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catacatagc tggctccaaa tggcttctga gctacactga aaccggagg cctgtgcgcg     1620
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<210> 6102

<211> 2485

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2307)...(433)

<223> similar to gi2584787 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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ctgattcccc atcactggcc aaagaagtcg gggcatcttc ctttcaccaa gtgttcaact     180
ttggaggggac cctccttctg gtgcagcaat tttattcttg gcttgttctc aacaattaaa     240
aatcataaaa agactgagtg tttgcaataa aatatcaaag aggataagaa gattttctgt     300

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tcttcttaaa	gtctaaagta	aaaaggggag	gtagggaaga	aggaaaggaa	aggggaaaga	360
tgtcagggat	ctgccacgtt	tcttccttcc	tccagagcat	tttacaiaaaa	caaaaccggg	420
gaggtattta	ttaatgctgt	ttggagatgg	gttgcgtctc	tctgatgagc	cactcgagag	480
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gaattggaac	caatgttaga	ggttcaaagg	tcaggcttcc	ccggttatta	aaattatact	660
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<210> 6103

<211> 1513

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1444)...(529)

<223> similar to gi5824207 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 6104

<211> 3196

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (46)...(3139)

<223> similar to gi559056 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6104

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<210> 6105

<211> 9754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (640)...(8288)

<223> similar to gil666075 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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```

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<210> 6106
<211> 1381
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1229)...(90)
<223> similar to gi2217970 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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atttcccctt ctgtattcat cccaccaaac accaaacaga gcagtgtagc agtctggctt      180
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<210> 6107
<211> 2006
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (28)...(1804)
<223> similar to gil79720 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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gggtctacgtc agtctgggtg tgtctgtagg caaatgcaga ggtattctga atgaaataaa      1260
agacagaaac aagaggggaca ccatgggtgga ggacttgggtg gtcctggtac gaggaggggc      1320
aagtgagcac atcaccacc tggcatacca ggagctgccg acggcggacc tgatgcagga      1380
gtggggagac gctgtgcagt acaaccacgc catcatcaaa gttaagggtg agcctctgta      1440
tgaactagtg acagccacag attttgcta ttccagcaca gtgaggcaga acatgaagca      1500
ggcactggag gagttccaga aggaagttag ttctgccac tgtctccct gccaaaggaaa      1560
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cctagcctgt gaggtctcct atcgggaaga taccocatt gatgggaagt ggaattgctg      1680
gtcaaattgg tcttcatgct ctggaagacg taagacaaga caaaggcagt gtaacaatcc      1740
acctctcaa aatgggggta gccctgttc aggcctgct tcagaaacac ttgactgctc      1800
ctagcagatg atacagcagt gggctacata caatgagagc cctgagccct caagaactca      1860
cgccagctca gccctacacc agtttccacc tggagttcat gcaagggcaa aaggcagtgc      1920
catgcaagct gtttaaaata aagatgttac cttgtaaaat gcaagttgat ttaaataaat      1980
actgagttaa aggcctaaaa aaaaaa                                2006

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<210> 6108
<211> 3145
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (340)...(1167)
<223> similar to gi5912237 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```


<400> 6108

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ggcacaaaat	gcaacacgct	at ttgtcgta	gatgtccaga	caagccagat	caccaagatc	180
cccattctga	aagaccggga	gcctggaggt	gtgacccagc	agggctgtgg	tatccatgcc	240
atcgagctga	atccttctag	aacactgcta	gccactggag	gagacaaccc	caacagtctt	300
gccatctatc	gactacctac	gctggatcct	gtgtgtgtag	gagatgatgg	acacaaggac	360
tggatctttt	ccatcgcatg	gatcagcgac	actatggcag	tgtctggctc	acgtgatggg	420
tctatgggac	tctgggaggt	gacagatgat	gttttgacca	aaagtgatgc	gagacacaat	480
gtgtcacggg	tccctgtgta	tgcacacatc	actcacaagg	ccttaaagga	catccccaaa	540
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gaactgggag	cagtgtctct	ggatggctac	tttcatctct	ggaaggctga	aaatacacta	660
tctaagctcc	tctccaccaa	actgccatat	tgcctgaga	atgtgtgtct	ggcttatggg	720
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tcagtaggat	gttttgtact	attgctagac	cctcttctgt	aatgggtaat	gcgttttgatt	3060
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aaattattcc	agtgcacaaa	aaaaa				3145

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<210> 6109
<211> 3042
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (322)...(1664)
<223> similar to gi899300 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 6109
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tactcagct cctgtgggga aactcatttg tggagaccag ccctctggct tggtagtgta      180
atctggttta caccggctcc tgccctgcct tactcttct cccctgattc aagactcctc      240
tgctttggac tgaagcactg caggagtttg tgaccaagaa cttcaagagt caagacagaa      300
ggaagccaag ggagcagtgc aatggatttc tcagtaaagg tagacataga gaaggaggtg      360
acctgcccc actgcctgga gctcctgaca gaacctctga gcctagattg tggccacagc      420
ttctgccaag cctgcatcac tgcaaagatc aaggagtcag tgatcatctc aagaggggaa      480
agcagctgtc ctgtgtgtca gaccagattc cagcctggga acctccgacc taatcggcat      540
ctggccaaca tagttgagag agtcaaagag gtcaagatga gccacagga ggggcagaag      600
agagatgtct gtgagcacca cggaaaaaaaa ctccagatct tctgtaagga ggatggaaaa      660
gtcattttgct gggtttgtga actgtctcag gaacaccaag gtcaccaaac attccgcata      720
aacgaggtgg tcaaggaatg tcaggaaaag ctgcaggtag ccctgcagag gctgataaag      780
gagaatcaag aggctgagaa gctggaagat gacatcagac aagagagaac cgcctggaag      840
aattatatcc agatcgagag acagaagatt ctgaaagggg tcaatgaaat gagagtcatc      900
ttggacaatg aggagcagag agagctgcaa aagctggagg aaggtgaggt gaatgtgctg      960
gataacctgg cagcagctac agaccagctg gtccagcaga ggagagatgc cagcacgctc     1020
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gacgtcatga aaaggagtga aagctggaca ttgaagaagc caaaatctgt ttccaagaaa     1140
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acagatgtcc agtactactg ggtggacgtg atgtgaaac caggcagtcg cacttcgaat     1260
gttgctattt ctgtggatca gagacaagtg aaaactgtac gcacctgcac atttaagaat     1320
tcaaattccat gtgatttttc tgcttttgtt gtcttcggct gccaatattt ctcttcgggg     1380
aaatattact gggaagtaga tgtgtctgga aagattgcct ggatcctggg cgtacacagt     1440
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tattcaaaag tttactccag atatagacct caatatggct actgggttat aggattacag     1560
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aatgtaaggc	acttttctat	gaatttttaa	tataaaaata	aatattgttc	tgattattac	2940
tgaaaagatg	tcagccattt	caatgtcttg	ggaaacaatt	ttttgttttt	gttctgtttt	3000
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<210> 6110

<211> 6302

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(6303)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (113)...(3050)

<223> similar to gi3043658 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6110

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cgcgtggcgc	tctcggcgcc	tgctgacctt	ccccgcgggc	gggatgtggc	gactacgtcg	180
ggccgctgtg	gcctgtgagg	tctgccagtc	tttagtgaaa	cacagctctg	gaataaaaagg	240
aagtttacca	ctacaaaaac	tacatctggt	ttcacgaagc	atttatcatt	cacatcatcc	300
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aaaccttcct	ttacgtaaac	tgaaattctc	tccaattaa	tatggctacc	agcctcgcag	420
gaatttttgg	ccagcaagat	tagctacgag	actcttaaaa	cttcgctatc	tcatactagg	480
atcggctggt	gggggtggct	acacagccaa	aaagactttt	gatcagtgga	aagatatgat	540
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gttgaagtat	cagagaatct	tggaaagatt	agaaaaggag	aacaaaagaat	tgagaaaatt	900
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aagcagcaca	gatgcgctgg	tagatgcata	gtcaggaact	ttttttattt	cttttaggtc	4500
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<211> 6309

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (74)...(5427)

<223> similar to gi5911999 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6111

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<210> 6112

<211> 2852

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2704)...(870)

<223> similar to gi5817153 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 6113
 <211> 3468
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (468)...(2775)
 <223> similar to gil296666 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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gtcactgcat tgatatttat gcttgtgccc ttgatcaaac tggacttttg gagatgaagt     1560
gttgtgcaaa tcttactgga ggctacatgg taatgggaga ttctttcaac acttctctct     1620
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attgggcaga tgtacagagt cagctcaggc acatagaagc agcatttgac caggaggctg     2040
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tgctccggtg gctggaccga caactcatcc gactgtgtca aaagtttgga cagtataaca     2160
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ttctagctga cagaattttg ctgatggata ctttctttca aattgtcatt tatcttgggtg     2460
agaccatagc ccagtggcgt aaagctggct accaggacat gcccaggtat gaaaacttca     2520
  
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<210> 6114

<211> 1082

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (784)...(123)

<223> similar to gi556642 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6114

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cattgttaat	tccataatcg	catttacaat	atcattactg	ttgttcttca	gggctcggac	180
tgcttttgct	ctcgacacat	ttgcttgtga	catgaccaat	tctatgtcct	taacttctac	240
acctgtttca	tcgacctctt	cctcttcact	ctcctcttgt	acagttggag	tctgtgtgtt	300
ttcttgaatg	tttgagacag	cttcaccttg	aactttgaat	ttctcagcag	ctgctagtth	360
tgcttgctgg	gataaatctt	cgatcttggc	ttccccaaaa	actatgtaag	tatctgaagc	420
agggctcttg	tagacatctg	gttttgtgat	gacaaagagg	atattcttag	atthccggat	480
agtgactcta	gtaactcctg	taacctgccg	aagaccaggt	ttggacatag	ccttccgtgc	540
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caacactgca	actgtctcca	tctctgcagg	ctcggattct	gggcccggcc	cgcagccctt	900
ctaccctgct	tttgccagga	caccaaccgc	agacccatt	ttgtccggag	gcccaggggc	960
gagtaggaac	cctgtggccc	agtaaagcct	ccaactctcc	ttactctca	gtccccgggg	1020
cggcttagcc	cgaagaaaag	gcggatgggt	gcggatagac	agtagcggca	cagaaagtac	1080
tt						1082

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<210> 6115
<211> 2949
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (51)...(2666)
<223> similar to gi458555 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 6115
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aagggtgactt tctagctgaa ggaggaggcg tgcgtggccc aaggggtgtg gaaagacatc      180
aatctgcctg caaagattca gactggccct tctgctctga tgaagactgg aactacaaat      240
gcccttcttg ctgcaggatg aaagggttga ttgatgaagt caatcaagat ttacaaaaca      300
gaataaataa gctcaaaaat tcactatttg aatatcagaa gaacaataag gattctcatt      360
cgttgaccac taatataatg gaaattttga gaggcgattt ttctcagcc aataaccgtg      420
ataataccta caaccgagtg tcagaggatc tgagaagcag aattgaagtc ctgaagcgca      480
aagtcataga aaaagtacag catatccagc ttctgcagaa aaatgttaga gctcagttgg      540
ttgatatgaa acgactggag gtggacattg atattaagat ccgatcttgt cgagggtcat      600
gcagtagggc tttagctcgt gaagtagatc tgaaggacta tgaagatcag cagaagcaac      660
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gacaatggca ctctgaatct ggaagtttta ggcagatag cccaggctct gggaacgcga     1260
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caactggaaa aacattccca ggtttcttct cacctatgtt aggagagttt gtcagtgaga     1680
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aaaaattcct	aggtgctatt	ttcttatccc	tttgtactgt	agctaaaatg	tacctgagac	2820
atattagtct	ttgaaaaata	aagttatgtt	aagggttttt	ttatctttaa	atagctctgt	2880
ggggttttta	ccatttttat	taaaggttta	cccaaggggc	cattcagtag	catcagggaa	2940
agtgggcag						2949

<210> 6116

<211> 3156

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (383)...(1899)

<223> similar to gi36619 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6116

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gcctcatccc	gggcccgcgc	cccaggcgcc	gccgcgcggg	ccccgcggct	ctgaggttgc	360
tcgcgcgcgc	ccgcgcgatc	ccatggatcg	gatgaagaag	atcaaacggc	agctgtcaat	420
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<210> 6117

<211> 5470

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(5471)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (27)...(4394)

<223> similar to gi2230888 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<210> 6118

<211> 3773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3431)...(1563)

<223> similar to gi972940 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6118

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<210> 6119
<211> 802
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (113)...(700)
<223> similar to gi414347 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 6119
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<210> 6120
<211> 4241
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (351)...(1872)
<223> similar to gi30215 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 6120
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gccttttctt ccaggggtgc tttgtaaaca cggctgtgct cagggctcgc ggggtgaccga      180
aaggatcatg aactagtgc ctggaaaggg tactagatgg aaacttgaga aaggactgct      240

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aaatgagagc	atTTTTatTTt	gataaTTTTt	tttaaTTTTt	taattTTTTa	ctaattTcat	3720
tattTTaaag	taatcagTTt	ttcaaTcat	gattTTgata	tcattattct	aaggagttat	3780
ctcaaaggca	caaaatatga	attctgcaag	aaggctatTTt	tttattgtag	tttgaatggg	3840
ttaggaaaag	cctcaatTTt	tcactcttaa	gtccttcagt	acattTTTct	ttcatcttat	3900
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atTTtgactt	tcaggatgtc	atactacttc	tgtacctagc	atTTtcagtc	cttatatttg	4140
caatgtttaca	caaactgtac	tattTTctTTt	tatgtgcagt	ttgcatgagt	aaaccatcag	4200
agaataaatt	ctatctTTaa	attatgtTca	taaaaaaaa	a		4241

<210> 6121

<211> 3845

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (228)...(3148)

<223> similar to gi2125814 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6121

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gagccgagcc	tgatgggcgc	caaggccggc	tggctgcttg	gagcgctgcc	tcgaaggggac	180
tgcgtgaagg	aagctaatec	ggagaaccca	ggccagagcc	tggaaatatg	gcgacctgca	240
tcggggagaa	gatecgaggat	tttaaagTTg	gaaatctgct	tggtaaagga	tcatttgctg	300
gtgtctacag	agctgagTcc	attcacactg	gTTtggaagt	tgcaatcaaa	atgatagata	360
agaaagccat	gtacaaagca	ggaatggTac	agagagtcca	aaatgaggTg	aaaatacatt	420
gccaattgaa	acatcctTct	atcttggagc	tttataacta	ttttgaagat	agcaattatg	480
tgtatctggt	attagaaatg	tgccataatg	gagaaatgaa	caggTatcta	aagaatagag	540
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acttattttt	aaataactta	ccagtaaact	cactttttta	attttgttgc	ctggttgagga	3780
gccaatataa	ttttaaatat	taattttgca	aatgttaaat	acattgtttc	tctattatct	3840
gaaaa						3845

<210> 6122

<211> 2846

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2748)...(1342)

<223> similar to gi4680665 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6122

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ggctattgca	gacggctaata	ttatgcttaa	cttaggaaga	gataaggcaa	gagctagatt	180
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gacagctgct	tataaaagca	tcttagcaga	taagcctatt	aaaattgtgc	ttttgtaaca	360
atgttggtg	tgctagaata	aataaccatta	acaaatgcct	tttgagtatg	cttgatagt	420
cttttgtttt	ggattcactt	tttatgcttt	aaccttcatt	tgctcttaga	aacccaaaac	480
acaataaagt	acagaataag	accttagtaa	taacattcag	aattttctta	aattgcatgt	540
ctgagtgttc	taaaaatttt	tcaacatttc	cctttcacaa	gtgacttatt	cccccagtta	600
agttattcac	ggtttcaccc	cacagcgtga	ggggcagata	gaaaaaaaaa	aaaaggaaac	660
atcactaccg	aattgaaagt	aggggtataat	actaagttca	caggaaatca	agaaaaaatg	720
acataacctga	aatctctctt	ttggtaaaat	ctatttcagg	tgcataccac	ccctttcccg	780
gaaaagaaca	gataacctct	tggttatttt	aatggggcag	gatcagaaga	ggagggtgtg	840
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gaacgtaagg	caaaagtgtt	acagtctctg	attttaatga	gtcaatctca	aggcaaagct	960
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gcctctacac	cagcctcata	tccacacggg	atgctctctg	ctgagtattg	tcttgagtta	1140
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tcaaacatgg	tgcaagaaaa	tgcaaacgtc	acggagaaga	tcacctgtac	aacatactga	2640
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agtatctggg	aggtaatcat	gatgctggag	tcgatgagga	aactcatggc	gaagtgtgag	2760
gaaggctcct	gcctccactt	cccactcccc	gaggccacag	cacgctcgac	aggccccctc	2820
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<210> 6123

<211> 1875

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1876)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (147)...(1248)

<223> similar to gi704441 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6123

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tcgaggacgc	tggagcccag	caaggtgatg	gatgtggaca	caactgtacta	ggccctgaga	180
gtggaaccct	tacatccata	aactaccac	agacctatcc	caacagcact	gtttgtgaat	240
gggagatccg	tgtaaagatg	ggagagagag	ttcgcatcaa	atttggtgac	tttgacattg	300
aagattctga	ttcttgtcac	tttaattact	tgagaattta	taatggaatt	ggagtcagca	360
gaactgaaat	aggcaaatac	tgtggtctgg	ggttgcaaat	gaaccattca	attgaatcaa	420
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ctgtggtggg	acacttatct	acaagtcttt	ttacatttaa	gacaagtgga	tgttatggaa	840
cactggggat	ggagtctggt	gtgatcgcg	atcctcaa	aacagcatca	tctgtgctgg	900
agtggactga	ccacacagg	caagagaaca	gttggaacc	caaaaaagcc	aggctgaaaa	960
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tgctgcaggc	tgactctgca	gagtatgctc	aaccactggg	aggaggaatt	gttggtacac	1860
ttcatcanag	attac					1875

<210> 6124

<211> 1734

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (160)...(1624)

<223> similar to gi5916108 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6124

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gtccaggccg	agcttgcact	tgcgtcttgt	ctgctgctgc	tgaaccaaga	tttagctgtg	120
cgccttcctt	gcagtctcct	ggaaccagca	ggaggaagca	tgagggatac	tggcctgaga	180
aagcggagag	aggatgagaa	gtcgatccag	agccaagagc	ctaagaccac	cagtctccaa	240
aaggagctgg	gcctcatcag	tggcatctcc	atcatcgtgg	gcaccatcat	tggctctggg	300
atcttcgttt	cccccaagtc	tgtgctcagc	aacacggaag	ctgtggggcc	ctgcctcatc	360
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acaatgatca	ccaagtcagg	gggagagtat	ccctacctga	tggaggccta	cgggcccata	480
cccgctacc	tcttctcctg	ggccagcctg	atcgctatta	agcccacgtc	cttcgccata	540
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caaactcggt	tgaaatgcct	ggccgcgcgc	gccatcttgt	tcactctcgac	agtgaactca	660
ctgagcgtgc	ggctgggaag	ctacgtccag	aacatcttca	ccgcggccaa	gctggtgatc	720
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caagggtgcc	gtagtcatc	ccgtcttgat	gacactcatc	tctgtgtttt	tggttctggc	1440
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aagccgatta	ccatgcacct	tcagatgcta	atggaagtgg	tcccaccgga	ggaagaccct	1620
gagtaacaag	ctccgtctct	tgtagccaag	tcagctgaat	ttattttctt	aagcaatatt	1680
tgtggttatt	tcttcctttt	tttcctacga	ataaaatata	ctcagatggt	taaa	1734

<210> 6125

<211> 4344

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (47)...(2448)

<223> similar to gi3882273 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6125

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cgccgaggcc	acgcagaggt	tgctccgagcg	gaactgcatt	gagattgtta	ataaattgat	180
tgctcagaaa	cagctagaag	tagttcatat	actcgatgga	aagggaatata	ttactccagc	240
ccaaattagt	aaagaaatga	gagatgagct	acatgtccga	gggtggtcgag	taaacattgt	300
tgatctacaa	caggtaatta	atgtggacct	gattcatatt	gaaaatagaa	ttggtgacat	360
tattaaatca	gaaaagcatg	ttcagttagt	gttgggacaa	ctgatagatg	agaattattt	420
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<210> 6126

<211> 2209

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2210)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (80)...(1131)

<223> similar to gi5102636 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6126

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tgggcctcc	caggacagca	aggaaaaaa	ggagccccag	ggatgccttg	gtttaatggg	180
aagcaatggc	tcaccaggcc	agcctggaac	accgggatct	aagggaagca	aaggtgaacc	240
tggaattcaa	gggatgcctg	gggttctctg	gctcaaggga	gaaccaggag	caacgggttc	300
cccaggagaa	ccaggataca	tggttttacc	cgggattcaa	ggaaaaaagg	gggacaaagg	360
aatcaagggt	gaaaaaggta	ttcagggtca	aaaggagaaa	aatggaagac	agggattcc	420
agggcaacag	ggaattcaag	gccatcatgg	tgcaaaagga	gagagagggtg	aaaagggaga	480
acctggtgtc	cgagggtgcca	ttggatcaaa	aggagaatct	ggggtggatg	gcttgatggg	540
gcccgcagggt	cctaaggggc	aacctgggga	tccagggtcct	cagggaaccc	caggtttgga	600
tgggaagccc	ggaagagagt	tttcagaaca	atztattcga	caagtttgca	cagatgtaat	660
aagagcccag	ctaccagtct	tacttcagag	tggaagaatt	agaaattgtg	atcattgcct	720

gtcccaacat	ggctccccgg	gtattcctgg	gccacctggt	ccgataggcc	cagaggggtcc	780
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tgactttcat	gtttcctatc	tcatagetca	tgctactaca	taagccaaaa	catgtatctc	1560
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tttgtaagaa	acagaatttg	aaatattttc	tccttgtcat	gctcaaaatt	ttgttacatg	2160
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<210> 6127

<211> 2002

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (558)...(1439)

<223> similar to gil707567 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6127

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acaatttgaa	ggccccacaa	tttgttgtgt	aacaacataa	tttcaagtaa	agtgaatgtg	120
attaaaacat	cttgatttca	caaagccatt	cagaggaggc	ttcgacaaac	gcaaagcgta	180
cccaaaccct	ggagggtcac	atcccggctg	ctacaaacct	cggcggggog	gccccgtct	240
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ccgttcccca	tccccgcagc	gcgtctgcac	cggagactct	gcggggattg	tagccggagg	360
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gctgtagacg	gtctattcta	ttctaccctt	attctactcg	gttcgattct	gttcctaaga	780
aaatgccgat	ctcgaccac	ttgtacttcc	acgagcggag	ctgcagccag	cagctctgca	840
ggaccccgca	ctgcccgcga	ccgtcccctc	tggcagtgcc	ttcctcctcc	cgctttcccc	900
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<210> 6128

<211> 3060

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (111)...(2148)

<223> similar to gi3559910 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6128

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tgacagacaac	taagcgaggg	gacctcatg	agttaagaaa	catatttcta	cagtatgcca	180
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gactgtataa	tgatccaaat	agtaacccaa	agatcgtgca	gctcttggca	ggagtagctg	300
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tgtcagtgtg	catatggaaa	cagggacatc	tccatcatta	ctggcttagt	tttgctttcc	2940
tttgacacag	taaggcaaag	gccaaagctt	caaaaagagta	aaggatactt	tcacaatttc	3000
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<210> 6129

<211> 2262

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (181)...(1499)

<223> similar to gi619491 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6129

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acgccagtaa	tcccagcact	tttgggaggc	caaggcgggc	ggatcacgaa	gtcagcagat	2220
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<210> 6130

<211> 2952

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (214)...(1112)

<223> similar to gi4455121 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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ctgttactgc	ttgtgcctct	gataaagcca	gcaccaccaa	cccagcagga	ctcagcatt	300
atctatgatt	atggaacaga	taattttgaa	gaatccatat	ttagccaaga	ttatgaggat	360
aaatacctgg	atggaaaaaa	tattaaggaa	aaagaaactg	tgataatacc	caatgagaaa	420
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<210> 6131

<211> 1343

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<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (27)...(686)
<223> similar to gi4680707 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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acaagaagat ttctcgattg gatgctgagc tagtgaaagta taaggatcag atcaagaaga      180
tgagagaggg tcctgcaaag aatatggtca agcagaaagc cttgcgagtt ttaaagcaaa      240
agaggatgta tgagcagcag cgggacaatc ttgcccaaca gtcattcaac atggaacaag      300
ccaattatac catccagtct ttgaaggaca ccaagaccac ggttgatgct atgaaactgg      360
gagtaaagga aatgaagaag gcatacaagc aagtgaagat cgaccagatt gaggatttac      420
aagaccagct agaggatatg atggaagatg caaatgaaat ccaagaagca ctgagtcgca      480
gttatggcac ccagaactg gatgaagatg atttagaagc agagttggat gcactagggtg      540
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ttccagaagg tgttccctact gatacaaaaa acaaggatgg agttctggtg gatgaatttg      660
gattgccaca gatccctgct tcatagattt gcatcattca agcatatctt gtaaaacaaa      720
cacatattat gggactagga aatatttatac ttccaaatt tgccataaca gatttagggt      780
tctttctctt ctttgaagga aagtttaatt acattgctct tttatttttt ccattaagag      840
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tctcaaaatg acctgataaa ttgataagac aaagatgaga ttattggggc tgttcatatt     1080
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ataaatatth ttcaaaaaaa aaa                                     1343

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<210> 6132
<211> 3730
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (237)...(1849)
<223> similar to gi4581470 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 6132
tttttttttt ttagcaacac ttttcttggt tgtaaacgcg agtgaaccag aaagtgtgaa      60

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agtgggtcc	atttcgaaa	aggacgttct	aattcaaagc	tctctcccaa	tatatattaca	180
cgaatacgca	tttagaaa	gaggcagctt	ttgaggttgc	aatcctactg	agaaggatgg	240
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acgccagccc	cgaggctggg	tccggagggg	gcgagtagag	cctgaagaaa	gagatcggat	360
tggtcagtgc	ctgtggtatc	atcgtaggga	acatcatcgg	ctctggaatc	tttgtctcgc	420
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<210> 6133
 <211> 4082
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (237)...(1926)
 <223> similar to gi3714340 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 6134

<211> 4700

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4171)...(1892)

<223> similar to gi3116015 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6134

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<210> 6135

<211> 1926

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (264)...(1289)

<223> similar to gil628581 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6135

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<210> 6136

<211> 1620

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1204)...(236)

<223> similar to gi5360708 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6136

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<210> 6137

<211> 4224

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (162)...(3960)

<223> similar to gi3882335 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6137

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<210> 6138

<211> 1471

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (237)...(1287)

<223> similar to gi6017904 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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gatagaaaca gctggccctt ccaggcagct aaaagcctcc agactaagag gtgttcccca 180
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cctcaatgat tcccttagaa tcttagatac caggatattg ttggccatgt ggcattcttg 1380
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ttaaataaat cttgtattct tcagtttcaa a 1471

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<210> 6139

<211> 1535

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1052)...(515)

<223> similar to gi5701565 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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gttagtttta attttattct gcagacatta tgcagttcta taatataaaa tgaatacaat 180
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catgaaagat ggtgttaaag cagaaatatt gtcattgatt agtcaatggg agaacataaa 300
atatgctgta tttcataatt tttccgtaag aaaatgtcta gtttgtttta atgcaacaaa 360
tactgtatta gattcacttt ataagccata cactccttct tgtctttctt ttgaacacat 420

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ttctaggata	agattcaatt	tctacaaata	tatatcgaaa	atcatattca	ccacttcctg	600
ggttctcttt	cacttgcgca	tacaccgttc	cttgcttccc	tggctcagag	ccctcaatgt	660
agaatttcac	acacgtgtgt	ttcagcccat	cttttacata	ttcagtgaac	ctgacatgct	720
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<210> 6140

<211> 1132

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(640)

<223> similar to gi4929671 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6140

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atcaccaact	tcttattttt	tgggccagtt	ggatttcaatt	ttttatttaa	catgattttt	240
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1132

<210> 6141

<211> 7008

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1423)...(4713)

<223> similar to gi3043630 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6141

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<210> 6142

<211> 2448

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (44)...(1743)

<223> similar to gi5852834 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6142

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<210> 6143

<211> 2495

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2121)...(106)

<223> similar to gi6002955 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6143

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<210> 6144

<211> 3499

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3140)...(1083)

<223> similar to gi4583652 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6144

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<210> 6145
<211> 4286
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (623)...(2150)
<223> similar to gi4240187 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 6145
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<210> 6146

<211> 3912

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (449)...(1762)

<223> similar to gi434777 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6146

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<210> 6147
 <211> 3071
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2884)...(502)
 <223> similar to gi36065 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 6148

<211> 3691

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (155)...(2008)

<223> similar to gi840789 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6148

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<210> 6149
 <211> 4511
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

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<222> (1)...(4512)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (4249)...(2200)
<223> similar to gil922313 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<210> 6150

<211> 1510

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1467)...(267)

<223> similar to gi5052353 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 6151

<211> 2591

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (78)...(1172)

<223> similar to gi619884 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6151

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<210> 6152

<211> 1076

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1006)...(26)

<223> similar to gi4929593 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6152

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<210> 6153

<211> 4871

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (92)...(2950)

<223> similar to gi755748 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6153

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<210> 6154
<211> 3092
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (558)...(2945)
<223> similar to gi4589476 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 6154
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gcacccctcca cttacatctg cagccttttg aaatgaaaag ggttggcgta gttttcacac      180
ctgctgacta tggaaaagtt acctcactca tactaatccg gaataacttg actgttattg      240
acatgattgg cgtggaagga tttggagcaa gagagttatt aaaagtgggt ggaagacttc      300
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<210> 6155

<211> 2252

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (49)...(2005)

<223> similar to gil87572 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6155

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<210> 6156

<211> 1604

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (41)...(1091)

<223> similar to gi897909 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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cagactagct	ttcagtcttc	tgtcagcagt	aaaacttata	tattttttta	aataacttca	1560
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<210> 6157

<211> 4471

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4451)...(1233)

<223> similar to gi4240201 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6157

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cacgcaggca	ttgaacattc	tcattaacat	gataatacaa	tttgctggta	aacattttaa	180
cacacagaca	ttagtttcag	tatctcaaca	tatttttggt	cataaccaag	gaaatacatc	240
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tagtttcaac	atatecttaa	atgtttgggt	gtttaacctt	gaatacaccg	aaaaaaaaaa	480
gtactaaact	ggactaaaga	aggtgtgttt	ggttaactac	aaatatgtca	tgttcacata	540
gtacattcct	aacatgaagg	caaataattt	aatagaaaaa	ctagcagtc	aaaaaatgtg	600
aatgtgcaaa	ttgtgagtaa	aacattgcat	ttaaatttgc	actcatttgc	aagttacagt	660
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cctcttcac	taaggcactg	tcgtgatctt	caccccaatc	aagattaaga	ggttcctcat	4440
caacttttac	tattggctga	ctccagtcac	a			4471

<210> 6158

<211> 2078

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (52)...(1958)

<223> similar to gil617312 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters


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<400> 6158
cagaataaga aataactggg atttgtcaag tgacaagctt ttaatgtcag aatggctcac      60
ctaaagcgac tagtaaaatt acacattaaa agacattacc ataaaaagtt ctggaagctt    120
ggtgcagtaa tttttttctt tataatagtt ttggttttaa tgcaaagaga agtaagtgtt    180
caatattcca aagaggaatc aaggatggaa aggaacatga aaaacaaaaa caagatgttg    240
gatttaatgc tagaagctgt aaacaatatt aaggatgcca tgccaaaaat gcaaatagga    300
gcacctgtca ggcaaaacat tgatgctggg gagagacctt gtttgcaagg atattataca    360
gcagcagaat tgaagcctgt ccttgaccgt ccacctcagg attcaaatgc acctggtgct    420
tctggtaaag cattcaagac aaccaattta agtggtgaag agcaaaagga aaaggaacgt    480
ggggaagcta aacctgctt taatgctttc gcaagtgaag ggatttcttt gcaccgagat    540
cttgaccag acactcgacc tcctgaatgt attgaacaaa aatttaagcg ctgccctccc    600
ctgcccacca ccagtgtcat aatagttttt cataatgaag cgtggtccac gttgcttaga    660
actgtccaca gtgtgctcta ttcttcacct gcaatactgc tgaaggaaat ctttttggtg    720
gatgatgcta gtgtagatga gtacttacat gataaactag atgaatatgt aaaacaattt    780
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ggagcaacag tcgcaacagc tgaaacgctc acatttttag atgctcactg tgagtgtttc    900
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ccagatattg catccataga tctgaacacg tttgaattca acaaaccttc tccttatggg   1020
aagtaaccat aaccgtggga aattttgact gggagtcttt tcatttggct ggggagtcgc   1080
ttcctgatca tgagaagcaa agaaggaaag atgaaacctt cccggaaggg gcaccactt    1140
ttgcaggagg acttttttcc atatcaaaag aatattttga gtatattgga agctatgatg   1200
aagaaatgga aatctgggga ggtgaaaata tagaaatgtc tttcagagta tggcaatgtg   1260
gtgggcagtt ggagattatg ccttgctctg ttggtggaca tgtttttcgc agcaaaagcc   1320
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ttaaacaaaa agcatttggt gatctttcaa aaagatttga aataaaacac cgcttcagt    1500
gtaaaaattt tacatggtat ctgaacaaca tttatccaga ggtgtatgtg ccagacctta   1560
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ttgtcactgg agagcagata tgggagatcc agaaggatca acttctatac aatccattct   1860
taaaaatgtg cttttcagca aatggagagc atccaagttt agtgtcatgc aacccatcag   1920
atccactcca aaaatggata cttagccaaa atgattaagt gttccttaaa attaagttga   1980
aaaaggaaat attctttctc ataaaactgt gactaggcat acactgtagt ttttgaaaat   2040
tatgcaaaag cagctaaatg taacttattc caagtga      2078

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<210> 6159

<211> 1835

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1474)...(1322)

<223> similar to gi496724 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 6159
cataatcttg gtgatatcaa tatcaactta acactacaat taggaaccaa tagtacttaa      60
agagttcatg gcgcacagta agcgcttcat aaatattaac tattagcaga acaggaaaag      120
gtgagagaaa actagcacgc agtattttct aatcctagtt ttgagactat tacacactta      180
atcccttctt cataaatgta acccaaaaat aatctgtcat cattctatat aagacagatg      240
tcttcactta ttgttactta ggggaaatca aatcataacc ttttaataag acacaagaaa      300
aactctcttt gcactgattt ttattaaaca agtaaggctg gtagtggaac atatttttat      360
ttaatgcata aacatataag tcccttatta gagaaactgt atatattgat gaatatgggc      420
aatggtcaca tctatgggtt aattctttta aaatcagaac caataattag gatagatttt      480
atgctctctt cattacattg tgaagtgtct tgtgtagtca tattctattg ttggaatgac      540
agcttgtaca aatttcaaga aaataagaag atacatatga actccaagtt ctccccctcc      600
ttctgcaaca gtctcaatga tttcttctat cacctcagca tgctgcatg ggtgaactga      660
acacatggga ggtgggtggc gatgagggtg attttcaatg gtcactggtt tcttcacatg      720
atcctgactg atgtcttcat acatgtgctc aactgttaaa ggctgccgtt gctcatcata      780
gccaaacaac cataatcgtg gagtctggta atatttatca taagtgatgt aaaggtcata      840
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gcaatcttga agccttatat tgtccttatt ttccagtgtg atctctttta cggttccgt      1080
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cacatttttg gttaccaaaa attgtttgcc tgttggtagg tatgccttca ctttcaattc      1260
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ggacgcacac gcaccctcgc ccctttggga gctgtctgtc ctcgctttgc ttcactcgcg      1800
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<210> 6160

<211> 2025

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (202)...(1350)

<223> similar to gi5360269 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 6160
tccctagtcc atgtcgtgga attcggaaga ggcattgagg actttcctta cctgtttttc      60
cagctcaccg actgccagca gaggatctgc tccgtcaccg aggctggagt gcagtgggtg      120
gatcacagct cactgcagcc tcaaactcct gggctcaacc agtcctctca cctcagcctc      180
ctgagtagcc gggattacag aatgctgtcc agtttcaacg agtgggtttg gcaggacagg      240

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ttctggttac	cacccaatgt	cacgtggaca	gagctagaag	accgggatgg	ccgtgtctac	300
ccccaccccc	aggacttggt	ggcagccctg	cccctggcgc	tggtcctcct	ggccatgcgc	360
cttgcccttg	agagattcat	tggcctgccc	ctgagccggt	ggctgggtgt	gagggatcag	420
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catctaaagg	aaaaagaaaa	agaaaaaaaa	aattcccaaa	aagaaatggc	caataagcac	1980
atgaaaagat	attcaacatt	gttagtcata	aaaataatgc	aatc		2025

<210> 6161

<211> 2088

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1758)...(931)

<223> similar to gi4884142 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6161

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ttggcatctg	tttatctcca	ccaatccctt	tgttaatcaa	cacgttggtg	atgtgcaaat	180
gccagcaact	gttttatatta	ggaaaacagg	catggcaaaag	caatagtctt	ttccctgggg	240
tcacaaactg	agcatgtgac	agagctgaaa	acagcgaaaa	aggtttactg	tctgggagtc	300
ccattggggga	ttctacttcc	tcaacagagc	ctcagggcat	ctgatttatt	ataaagtact	360
ctgagtcata	atgacttaatt	tgtgactttt	atttaactag	catgttcatt	taactagaat	420

gcacctgtac	atgaatttta	aaatgtcata	ctgtgctatt	tttcttaatt	ctgtaagggt	480
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tttaaccaa	cttacaacag	gcacattttg	gcagtttagt	ttaacacaac	attaacaagc	600
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atagaagtgt	cttactgtag	gctcaccctt	tgctctgccc	ttctgaggct	cttctgcagc	840
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cgccacagga	gccatctgtg	gataatagat	tatattattg	gaagggcaca	cacgcttgct	1440
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ggtctaacca	tttaacctct	ccaggcctgt	tttctcatta	gcagtctgag	gacttttagac	1980
caaagaagga	attcttgtat	aacattgtat	tactctatgg	ctgtatcatg	aaaggaaaat	2040
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<210> 6162

<211> 1008

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (21)...(328)

<223> similar to gi5070698 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6162

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aatggaatth	gtttatatgg	aagaccaatt	aacgtgcagt	atcgattttg	gagttctcgc	300
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aggaatgaag	aaatggtggg	gggcagatct	tcctttccca	tgcagtattt	tccaattaat	420
aatacttctt	tacctcaaga	atattttctc	tttcagaaga	tgcagtggca	tgtgtataat	480
ccagtgcctgc	agcttccctta	ctatgaaatg	acagctccac	ttcctaatag	tgcacccgtg	540

tcttcctcac	tgaatcatgt	tccagatctt	gaggctggac	ccagctcata	taaatggact	600
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aagcaaacaa	gtgatagtga	tagtagcaca	gacaacaaca	gaggcaacga	atgtagccaa	840
aagttccgaa	agtctaagaa	gaagaaaaga	tactagtatt	acctacaaat	gaaacttacc	900
tacactgata	ttagttctct	tatgaaaaaa	ataagatggt	atcccatcaa	ataaacaatg	960
tcatggctaa	aaaaaaagtc	gacgcagccg	cgaatttagt	agtagtag		1008

<210> 6163

<211> 2134

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2012)...(1166)

<223> similar to gi5410284 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6163

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tatcctctga	ctattccaga	gacagtgcct	catgctgggtg	ctggtaacat	ctccctcact	120
gccacaaaaga	aagagcctaa	gattcggagc	ctttctaggc	attagtttct	agctagaact	180
gaacaacatt	ttttgtgttc	atcttactta	ttttgtgggt	accttttatt	tatggcaaac	240
tgatactggg	tttccacttg	gagcaggatt	cattttttta	aaaaaacttt	aaaattttaa	300
agataaaatat	taagaaaata	atacaagtag	tactaaagag	actgaagttt	gggaaacaac	360
ggctatagtc	tgagtcatat	tttttagacg	tgatttcaaa	agaaacaata	aatgtggatt	420
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taaaaagaac	caatttcaca	ccatcttggg	actttataaa	ctcgtagtag	cataaatgtg	600
caaataatct	gaaattttatc	cacagtcatt	ttttttaaaa	cataaacttt	tccaattttct	660
gcagcttttt	taatttggtc	tataactaat	gcctcacaaa	aggcaaactt	cagggtttag	720
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caacagaaaa	tgctgatgtg	actccattgg	ctgaccccag	ttcgcacatg	gaaatttgat	1560
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<210> 6164
 <211> 4393
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (271)...(3214)
 <223> similar to gi4240285 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6164

cgctccgtaa	tttccgggtc	gacgatttcg	tggcgcggtc	gctggccggc	ggctgagccg	60
ggagaaagga	gctgcggcca	ccgttcgccc	tacttctgcg	cctcggggcg	ggcgcgccgg	120
taaaaatggc	gaaatggggg	taggcggcgc	tggacctgaa	gagatggggc	gcgcaggtgg	180
ggcggttgtc	agagccccct	gacgtgggcg	ccgggctttt	atcggcgatt	tgatctggcg	240
acctcggggc	ggcgccctaag	aggtcagact	gcggagcctg	cgggtcgcca	gcggccccgc	300
cgagagccgg	aggcaatgga	tgaacagagc	gtggagagca	ttgctgaggt	tttccgatgt	360
ttcatttgta	tggagaaatt	gcgggatgca	cgcctgtgtc	ctcattgtct	caaactgtgt	420
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cagtgtgcac	tttggggagg	aatgcattgg	ggacatacct	ttaaaccttt	ggcagaaatt	720
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<210> 6165
 <211> 3469
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (56)...(1359)

<223> similar to gil82401 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6165

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cccggtggtg	gtgggctccg	ggcgggctcg	cgtcatcctg	cccccgctgc	gatgcatccg	120
cggcgcccg	acggatttga	tggcttgggc	taccgggggtg	gtgcccggga	cgagcagggc	180
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<210> 6166

<211> 4206

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3783)...(1144)

<223> similar to gi5911907 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6166

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<210> 6167

<211> 4968

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (227)...(3666)

<223> similar to gi34276 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6167

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<210> 6168

<211> 2150

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (515)...(0)

<223> similar to gi527580 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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actctagtta	gaggggctgg	ggtatggaga	gaccgtccca	gccgggctg	gcagcctcct	1260
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tagtggtggt	gagctggagt	tcttccccac	tatggacacc	cagatcgcca	ttggactggt	1380
cttctccata	gtttttatgg	gatggtgcat	acaagaacat	cagagcaaag	acatacagat	1440
tccacatccc	atagatgcct	gtgaaaaagg	cactgttcac	ttggactgtg	atgccgcccc	1500
atttccaatg	gccttcggtt	acctgactaa	cgatgaagaa	gatgacagtc	atggcagcgc	1560
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gccggacttt	gctcatagct	ggcaggctgg	actgcttccc	actgatgttc	cgaaacacct	1680
gaaataccat	gaagcataga	aacaggaagt	agaggcagag	gcagattcca	gccacgatga	1740
tgaaggccat	ggccagctct	gttccaatgt	ctgtagtcca	gatactgtag	aagggttcg	1800
tgagttgtac	ccctctctca	cacatgtcaa	atatgaagag	gcagaaggag	ccaacggcaa	1860
tgggtccgac	ttgcttccaa	tacctgcga	tgtggttccg	ctcgtgctga	tccatcatgt	1920
gctcgccaca	gaagatgata	cagaaggaca	gaagcatcgc	atagaagatg	ccctgtcgga	1980
tgtcacccaa	cagcagcatc	caggtccagt	caaaccgat	ggaaaaccat	tccactggga	2040
tattgataaa	ggtcatggaa	atcccaaggg	caaagatgac	tttttccaga	agcactgggg	2100
gtcgggacat	catggtgatc	ctcctccaat	accacaccat	aatgatgaag		2150

<210> 6169

<211> 1384

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1248)...(630)

<223> similar to gi2338292 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6169

ttatttcgca	gttcatttca	ttattatttt	ttgcattatt	tctgcttttt	ttggtctcct	60
ttccgaaggg	tttttattta	ggggaacagc	tcaactccag	ctccctgggt	gcaatgcgag	120
cctgcccgc	ccgagcgcgc	ttgcaaatat	gccccccg	ctttccctgg	gttacgaagt	180
gcccctgtac	cgcacgggga	gtgcacgaag	acacgcgtgt	gcacaggcgg	ggctctgcgt	240
gtgcgtaccc	tgtgggcact	ggagggggct	gtcaggtcat	atctgccc	acacaagatg	300
ggcacagccg	gggctggggc	ttcctgggg	ccgaatttcc	ccgcggcg	tgccaccac	360
gggggcggaa	ctgaccagt	ccctcacggt	caggagagt	tgggggccc	tgagggcca	420

ggacacggga	acacgttgcc	gaaaacatgt	gtatatccat	acgcggcgga	aacgcgtgtg	480
ccagggcagg	cctcgggccc	gatgaccct	actcccacca	ttccccactc	caagtccagc	540
ttcggcgtct	atgaggccta	gcggcttccg	gaatccggta	tgaatcaggg	gcacggttcg	600
gagagccggg	tctcgaaagc	agctcttcag	tgaggcctcc	tgaggctggg	gtaggggggt	660
ggaggtgcgt	cgtgtacccc	agaggctgcc	agcgcctgct	cataggtggg	gaggcctggg	720
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caggctccag	tggttggctc	ttggaatccg	ggtatggcta	ctcaggaagc	tctgggcctc	1140
tgggggaccc	aggaagactt	cttgggtctg	ctcctcactg	ggtgaagtat	ccaggcagg	1200
ggttaatgcc	atatatagca	gcagcagaga	gggggtggccc	ctcatatttt	ccagacacct	1260
gcccagaaat	gtgagcactg	ccccttcctc	tttaatcgag	aactccttgg	ccagctacag	1320
ccaggtttcc	ggagagagaa	agagaagaga	ggacttgagc	aagccaggcg	aggcacttcc	1380
gcaa						1384

<210> 6170

<211> 2142

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (275)...(1688)

<223> similar to gil653342 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6170

ggggcgtgca	gcagagtgcg	ttcctcgtct	gccagccggt	ttggctagcg	cgcgggcgcc	60
gtggctaagg	ctgctacgaa	gcgagcttgg	gaggagcagc	ggcctgcggg	gcagaggagc	120
atcccgtcta	ccaggtccca	agcggcgttg	cccgcgggtc	atggccaaag	gagaaggcgc	180
cgagagcggc	tccgcggcgg	ggctgctacc	caccagcctc	ctccaaagca	ctgaacgccc	240
ggcccagggt	aagaaaagac	cgaaaaagaa	gaaacaacag	ttgtctgttt	gcaacaagct	300
ttgctatgca	cttgggggag	ccccctacca	ggtgacgggc	tgtgccctgg	gtttcttctc	360
tcagatctac	ctattggatg	tggctcagg	gggccctttc	tctgcctcca	tcatacctgt	420
tgtgggccc	gcctgggatg	ccatcacaga	ccccctgggt	ggcctctgca	tcagcaaata	480
ccccggacc	tgctgggtc	gccttatgcc	ctggatcctc	ttctccacgc	ccctggccgt	540
cattgcctac	ttcctcatct	ggttcgtgcc	cgaactccca	cacggccaga	cctattggta	600
cctgcttttc	tattgcctct	ttgaaacaat	ggtcacgtgt	ttccatgttc	cctactgggc	660
tctcaccatg	ttcatcagca	ccgagcagac	tgagcgggat	tctgccaccg	cctatcggat	720
gactgtggaa	gtgctgggca	cagtgtctgg	cacggcgatc	cagggacaaa	tctgtggcca	780
agcagacacg	ccttggttcc	aggacctcaa	tagctctaca	gtagcttcac	aaagtgccaa	840
ccatacacat	ggcaccacct	cacacagggg	aacgcaaaag	gcatacctgc	tggcagcggg	900
ggtcattgtc	tgtatctata	taatctgtgc	tgtcatcctg	atcctggggc	tgcgggagca	960
gagagaaccc	tatgaagccc	agcagtctga	gccaatcgcc	tacttccggg	gcctacggct	1020
ggtcatgagc	cacggcccat	acatcaaact	tattactggc	ttcctcttca	cctccttggc	1080
tttcatgctg	gtggagggga	actttgtctt	gttttgcacc	tacaccttgg	gcttccgcaa	1140
tgaattccag	aatctactcc	tggccatcat	gctctcggcc	actttaacca	ttcccatctg	1200

gcagtgggtc	ttgacccggt	ttggcaagaa	gacagctgta	tatgttggga	tctcatcagc	1260
agtgccat	ctcatcttgg	tggccctcat	ggagagtaac	ctcatcatta	catatgcggt	1320
agctgtggca	gctggcatca	gtgtggcagc	tgccttctta	ctaccctggg	ccatgctgcc	1380
tgatgtcatt	gacgacttcc	atctgaagca	gccccacttc	catggaaccg	agcccatctt	1440
cttctccttc	tatgtcttct	tcaccaagtt	tgcctctgga	gtgtcactgg	gcatttctac	1500
cctcagtctg	gactttgcag	ggtaccagac	cogtggctgc	tcgcagccgg	aacgtgtcaa	1560
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aagactcaag	gaggtggccc	aggacacttg	ctgtgctcac	tgtggggccg	gctgctctgt	1920
ggcctcctgc	ctccctctg	cctgcctgtg	gggccaagcc	ctggggctgc	cactgtgaat	1980
atgccaaagga	ctgatcgggc	ctagcccga	acactaatgt	agaaaccttt	tttttacaga	2040
gcctaattaa	taacttaatg	actgtgtaca	tagcaatgtg	tgtgtatgta	tatgtctgtg	2100
agctattaat	gttattaatt	ttcataaaag	ctggaaagca	aa		2142

<210> 6171

<211> 1509

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1510)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1417)...(181)

<223> similar to gi4680667 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6171

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cacccggccc	tgatggcatc	ccgtgctggc	caggtgtect	ctcagccgag	gtccttgtca	180
ctgcctagct	gcgtccgcct	gccacaccag	ctcacccgag	atgtaggtgg	cctggacgtg	240
aaggagggtc	gtcagacacc	acgaagtctg	cgtcagcacc	aaagtccagg	gtccctttac	300
tcttctccag	ccccagcaac	tgggcggggg	gcagggatgc	agcctccagg	gccgactcca	360
tgctgcagcc	tgtggcctgc	aggatagtgc	cggacacaga	cgteccattg	ggctatgctg	420
ccactcagcg	tcttggtgcc	tgccacgtag	gccgtcagac	cgteccacttc	cacttctctgc	480
tgtcccagcg	tgtgcccggc	gttgcccagg	cccaaggcag	ggatggcatc	ggtgaccagc	540
accagcccct	gggggatggg	cacggtgggg	cgatccgcag	ggcggcgggg	ttggtgtgog	600
tgccatctgc	aatcatccca	tagaagatgc	agcggcctgc	gggcagccgg	tcgctgggtca	660
ggagccccac	gatgcctggg	tcgcggtggg	ggaaaggcag	catggcggtg	aagaggtggg	720
tgatgaaggt	ggctccgctc	cacacagcat	cctctgccgc	ccgcaggtca	gccactgagt	780
gccctagggg	cacgcagatg	ccacggggccg	tcagcgcccc	gatcacttcg	tggctacggc	840
ccaactctgg	ggccagcgtc	acgatgcgga	cattgtccag	gggcccgtag	gtggccagca	900
agtcctggaa	ggcatcggcc	tcgaaggagc	ggaggtgggc	ctcgggggtgc	gcgcaccgct	960

tctcccggct	gatgaagggg	ccctccaggt	gcagcccag	gacccctgcc	ccatggggac	1020
caccactctt	cacagggatc	tgaggaacaa	cctcaccttg	tgataaacct	ccggtgggga	1080
agtgaccagg	gtggggcaga	aggaggtgac	gccgtgcgac	aggatcctcc	gggccacgag	1140
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ccacagatcc	tccttgagca	gtttccctcc	gcgcaggatc	cggcagttag	tgaactggag	1380
cacgcggggc	cccgcgcgcg	cctgctcgcc	gcgcctcggt	agccgtgtcg	ggagcgagcg	1440
gctccggagc	cccgcggcgg	ccaaattccc	cgcccagtga	cgaaccccag	ccgagagcgg	1500
agccgcgcc						1509

<210> 6172

<211> 3050

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1266)...(2364)

<223> similar to gi3413906 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6172

eggacgcgtg	gggctgtaag	cttcgggcgc	tccgcttcac	ctatgggact	cagactcggg	60
tcagcctggc	gctccctgga	cagtatgaac	tagtgcacac	gctgggttgct	catcagggca	120
actgggagac	catccctgag	gaggatctgg	aggtccaaga	gaacaatgag	gatgctgctc	180
atgatttaac	ggaactggag	gtaacgatgc	accatgctct	cttacaggaa	gtggacgttg	240
tggtagcacc	atgccaaggc	ctccggccca	cagtggatgt	tctgggtgac	ttggtgaatg	300
atttcttgcc	tgtgataacc	tatgcactcc	acaaagatga	actctctgag	agggatgagc	360
aagagcttca	ggaaatccga	aagtatttct	cctttcctgt	attctttttc	aaagtgcga	420
aactgggctc	ggagataata	gactcctcaa	ccaggagaat	ggagagcgaa	agatcaccgc	480
tttatcgcca	gctaattgac	ctgggctatc	tgagcagcag	tcactggaac	tgtggggctc	540
ctggccagga	tactaaagct	cagagcatgt	tggtggaaca	gagtgaagaa	ctgagacact	600
tgagcacatt	ttctcaccag	gtgttacaga	ctcgctgggt	ggatgcagcc	aaggccctga	660
acctgggtgca	ctgccactgc	cttgacatct	ttattaacca	ggcatttgac	atgcagcggg	720
acctgcagat	cactcccaaa	cgtctggaat	atactcgaaa	aaaggagaat	gagttgtatg	780
aatcattgat	gaatattgcc	aaccgaaagc	aggaggaaat	gaaggatatg	attgttgaga	840
cacttaatac	catgaaggag	gaacttctgg	atgatgctac	taacatggag	tttaaagacg	900
tcattgtccc	tgagaatgga	gaaccagtag	gcaccagaga	gatcaaatgc	tgcacccgac	960
agatccagga	actcatcatc	tcccgaacta	atcaggcagt	ggctaataag	ctgatcagct	1020
cagtggatta	cctgagggaa	agcttcgtcg	gaaccctgga	acgatgtctg	cagagcctgg	1080
agaagtctca	ggatgtctca	gttcacatca	ccagtaatta	tctcaaacag	atcttaaattg	1140
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agcaaatcaa	acagatcatc	cagcgcacat	catgggtgag	cccacctgcc	atcactctgg	1260
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ccttgcgga	gctggaagct	ggccactcag	gccggttaga	gaaaacggaa	gatctatggc	1440
tgaggggtcg	gaaagatcat	gctccccgcc	tggcccgccct	ttctctggaa	agccgttctt	1500
tacaggatgt	cttgcttcat	cgtaaaccta	aactgggaca	ggaactgggc	cggggccagt	1560
atggtgtggt	atacctgtgt	gacaactggg	gaggacactt	cccttgtgcc	ctcaaatacag	1620

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agggaaatccg	cttcctgcac	agccagggac	ttgtccatcg	tgatatcaaa	ctgaaaaatg	1920
tgctgctgga	taagcagaac	cgtgccaaaga	tcactgactt	aggattctgc	aagccagagg	1980
ccatgatgtc	aggcagcatt	gtggggacac	caatccatat	ggccctgaa	cttttcacag	2040
ggaagtacga	taattccgtg	gatgtctacg	cttttggaat	tcttttctgg	tatatctgct	2100
caggctctgt	caagctccct	gaggcatttg	agaggtgtgc	tagcaaagac	catctctgga	2160
acaatgtgcg	gaggggggct	cgcccagaac	gtcttcctgt	gtttgatgag	gagtgtctggc	2220
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ttcctcatag	tgccagtgtg	tttacattta	taggaccaca	tatccctggg	ttctggggga	3000
gggtttcact	gttacatcac	caagaggccc	tgaaaagagg	aaaaaaaaaa		3050

<210> 6173

<211> 4927

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (22)...(2520)

<223> similar to gi1834495 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6173

ggtcggcggc	attcggcggc	gatggagcgg	ccctggggag	ctgcggacgg	cctctcgcg	60
tggcccatg	gcctcggcct	cctcctcctc	ctgcagctgc	tgccgccgtc	gaccctcagc	120
caggaccggc	tggacgcgcc	gccgcccggc	gctgcgcgcg	tgccgcgctg	gtctggcccc	180
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tcgccaagct	ggccaacaac	acgcaccagc	atgtgtttga	tgatctcaga	ggctcagtat	360
ccttgtcctg	ggttggagat	agcactgggg	tcattctagt	cttgactacc	ttccatgtac	420
cactggtaat	tatgactttt	ggacagtcca	agctatatcg	aagtgaggat	tatgggaaga	480
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aaaacaagaa	tgagtgcagc	cttcatattc	atgcttcccta	cagcatctcc	cagaaactga	1440
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at tt t t t t g g a c t	t t a g c c c t a g	t c t g a a g a c t	c t g t g c a a a c	t g g c c g t g a t	t c a g t a t a a c	4260
c t a g a c c a g t	c c t g t t t g c c	t c a t g a t a t c	a g g t g g g a g c	t g a a t g c c a t	g a c c a c c a a c	4320
a g c a a t a t c a	g t c g c c c c a t	c g t c t c c t c c	c a t g g g t a g g	a g g a a g t t t c	t g c c a c c t c c	4380
c c t c c t g a g c	c t g c t g t c a t	c t t c a c t g c c	c c t g c c c a t c	t g t c a c c c a c	c t g c t c c t t t	4440
g a c c c c t g g a	c t t g g t a t a c	c t c c a t g t g g	a g t t g t t g g g	c g a g a g g t g t	t c t c t g t g c t	4500
g t g a a t t c a g	t g g g g a g c t g	t a g c g g g g t g	g g g g c t a g g t	t c c t c c c c c c	t t g g g c c g a g	4560
g g c c c c t t c c	c c t t g g t g c t	c t g t c c c c a t	c c a c c t c c t t	t c a g c t g c t c	c t g g g c c t c a	4620
g c t c t g c c c a	g g g c c a g c c a	g g t t c t g c t g	g g a a g g g a a g	g g a a t g g g g a	g a a g g g a g a a	4680
g c a a g c a g t g	t c t g a g c c t c	a g g a g c t t c c	c c c t c c c c c t	t t g c c t a t c c	c c t c c c c t c t	4740
g c t t g a g c c t	t g a g c c t t g a	c t g g g a g c t g	a a a g g a g t t g	c a g c t g t t g g	c a t g a g a c c t	4800
c c t t c t c c c c	g t c t t g g g g a	g g t g g g g a c c	a g c a g a t a a a	t c c c a c c c t t	c c t t g a g c t g	4860
t c g c t g t a c t	c t g a a g t t c a	g c c a g c t c a g	a t t t t a t a a a	a a t t a a t t a a	a a t c t c c a a a	4920
a a a a a a a						4927

<210> 6174

<211> 1765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1649)...(244)

<223> similar to gi5817247 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6174

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g t t a a a a t g g	t t a c a t g g g t	a a t t t a a g a a	a a a a t t t a g t	g g g a a a a a g g	g a a a g g g g c t g	120
a a c t g c c a a a	a t a a t t t t c t	t a t c c a g t t t	t a c a t t t g c t	t t c t c c a t g t	g c t a c a a t t a	180
t a g a c a c c t g	a t a g t t c c t a	g c c t t a g a c a	t a a c t t g c a g	c a t c a g c c a c	t c t g c t g c a c	240
t t t a g a t c a c	a t t a g t t a g g	g c t a g a g c c c	a g c c c c a t t t	a c a c g g c a t c	t g a t g a a t g g	300
t t a g c t g t g g	c a g t t c t a c c	a t a a t g c c a t	t t t g c t c c a a	a g a a a t c c a g	t t a a g t g g c t	360
g t c c a t g g c c	c a g t a g t t t c	a c c t c t g t t g	c c c c c a g a a t	a g c t t t g g g a	t g g c c a a g g a	420
a c a g c t g t c c	t g a t g t g g g c	c a t t t a a g a a	a a a t g g c a t a	g a c t a a t t t t	t c t t t a g g c t	480
t g g a t g t g t a	c c a c a c a t c t	g g g g t g a c a g	t g t c a t t c t g	g g a t c g c c a g	g t a t g g g t t t	540
c a t a a a t a g c	t t c t c c a t t g	a c t t t t a g c c	a g g a c c c c a t	t t g c c t c a g t	c g c t c c t c a a	600
a a a c t a c a g a	a a t g g t g c c a	t c t a g t g t g g	g c c c a a t a t t	c a t c a a a a g a	t t t c c t c c a c	660
a t g a a a c t g t	c t c t a c a a g t	t g c t t c a c c a	a t t c t t c a a t	t g t a a g a t a g	t c a g a g a t t c	720
c a g c t t c c c t	c c t a t a g c c c	c a g g a c a g t t	t g t c t a t t g t	c a t g c a g t t t	t c c c a t t t a t	780
g t g g c a a a a g	a t g t c c t g g g	t t a t a a c g a t	c a c t g c a g g t	a t a g a a g c c a	c c a t g c t t a c	840
a g a t g c t a c c	a g c t c c c c a a	c g a t c a t t g g	t g a c t a c t g t	g c c c c g a a c t	g g g c t t t c a t	900
t a t a t a a c c c	a g g c c a a g a a	g c c t g t g c t g	t t c c a g t a t t	g a t c c g g t g c	t c c t c c g t c a	960
c c a t c c g a c c	a c a g a a c c t c	a g g c t g a t a g	t t g t t c a c t a	a c t c a t a g a g	c t c t g g c a a t	1020
g t c t t a g a a a	c t g g a a a t t g	c c g c t t a t g g	a a t g a a c t g g	a t t c a t c c t c	a a g g a a g a g c	1080
g g a t g a a a c c	a t t c a a a a a g	g g a a t a g t a c	a g t c c a a a a c	g c a g g t c a g t	t c t g t t c c t a	1140
a t g g c t a c c t	c a a g t t c c t t	g a c a a t g t c c	c t c t t g g g c c	c c t c a t c t a t	g g c a t t c c a g	1200
t t c c a c g a a t	a t t c t g a c c c	c c c a c a a g g t	a a a g c c t t c a	t g a t g t t t g g	a a g t t a a g a c	1260
a a t g t a t t t g	g c a c c a g a g g	c c t g a a a a a t	a t c t g c c c a a	c t g g t t g g c a	t t a a a a a a t t	1320
t t g c t g t a a a	t a g t g g t c c a	a a a t c t t c a t	a t t t g a a a c t	a g g a g g g t a a	t t a t c t t t c a	1380
t a a a t t c c a c	a t a c t t c g g t	a t c t t t t c c t	t t t g c c a a t a	c c a c c a g a a c	c a c t c g c t a c	1440

cgaagctggg	cacggaaaac	actccccagt	ggatgaagat	gccgaacttg	gcctgggtcaa	1500
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cgagcctggg	gagctcctgg	ggcgcgatgt	cccggcgag	gccggctgtc	ctctctgcag	1680
gctcccgcgg	cctcgggagc	gctgtttctt	cgtctctgcc	gctgagtatg	ccgccggggg	1740
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<210> 6175

<211> 4000

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (184)...(2337)

<223> similar to gi5689742 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6175

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cgggccgtgg	acagaggggc	acagtttcgg	caggcgggtg	aggtcgctga	gggcccgccg	180
gagatgtttt	ccttgctcag	cacggtgcaa	ccccagggtta	cagttcctct	gagtcattctc	240
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caaaaccagc	atcgagatgt	agttcctgag	catgaggctc	ccagcagtga	gccttcactt	360
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<210> 6176
 <211> 2218
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2219)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2174)...(432)
 <223> similar to gi6013001 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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tgcttattga gcacctcaat atagaggtgg ccactacagg tgaggaaatg aatttctaag    240
ttaattcaaa ttcaaatgcc acatttggct cgtggctcct gtactggaca acacagctgt    300
aggccctgac ctggtccagg gcactttggt tcaaaagcca actctgagga gagcaagtgg    360
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aggcatcaaa tacaactgac agggctctgc tcagctccca ggagatgcta gtacagcgtg   1500
catttctgca aacagggcgg atatgcaact cctgggagtg gtagctggtg tggacaagc    1560
gatctgcctt cagcagcaca gagaggcctg ccttggaaact acagggcaag agcttcttcc   1620
agggggtgag gttttcgggt cagaccacct cccgcggcag cacagcatag cgcagaaagt   1680
agtggtcagt gtcattggcc agaccagggg gtttgaagga ggcagtggga gtgactgtgt   1740
tggtggagtc gatgaagttg agagaggcgc agaagatccc tgagaggaca ttactgagct   1800
ccttccaaga tttatccaca tcagtgcagc tgtcttgga ccagaccac agctctgcac   1860
ctgatggggc ctgcaggaag ggtggcccc cgtatcgggt cctccaaaag ccttgtgtga   1920
atgacaggtg cagctcccg agagaatact tggagatcag ctgccccagg gctttgggaa   1980
agagcctgta atgggacact ccttcccgtc gaagctccga atcccagcgc gtgcggaact   2040
ggaatgtggc ggtacgtcc ccggaaggca gcggggtgat gacaagttcc tcccgcaggc   2100
tgtcgcgtgg gggttctgca aggcaccagc gcggggccc caggagcaac aggacgagca   2160
gagcaagcgg catagccgcc ccatgcccc nacgcgtggg cggacgcgtg ggtcgacc    2218

```

<210> 6177

<211> 2199

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2179)...(1220)

<223> similar to gi5917714 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 6177
tttttttttt ttttcattaa ttaatatatt ttctgcatta tagttaacca tatgtacttt      60
cttcggtgtc accttatttt ccgttaagta ttgatatttt gttatattca aacatgagta      120
catttcaaca gtcttttgca ataaatacca taaaataata gagattcgca taataaatat      180
tctttacaat aaaaaagttt aacagacttt tgtcttaaaa atagtcagaa ttcaactttg      240
tgatttatac ataaaatata caaaaagcac cacaatttgt ggtaaggca agggaaacac      300
agaagagatt agaattactc agctgttaac tatccaaggg gccaaaagga ccattaagga      360
gccaaagatca ctttaggcag catagtctctg tgacacatat agattgatca gctataaata      420
tcaacttgag ttatccaagt gccctcaatg acaacaaaaa tttggtgaga agcatggggt      480
gaagaaggaa ggtggctgag tccttcacaa atacgaaggc tagagtgaag atgggcaagg      540
tccaaccaat attatctcca atgtgaagat ttacattgta aggcgaatct aaaattacat      600
agaaagaaaa aatacacttg gcatctccag agtaagacaa caacaaaact gagggggaaa      660
gaaccttgaa ggagaaagaa ggagagggca gtggttaaag gaaaattttt acggtatagc      720
aaaaaatata tccccatgc tacttaaggg gcctatgcta ggaagatagc cctaactgga      780
gacagattta atacatagct tatttaagca attaaacagt tgctttttta aaaaaccaatt      840
tccctgctcc cacggtaccc aatcaaaaca actctaaatc actgtagtct ggatgtgggt      900
gtatgttcat gtaacaaact ttagaaagtt gcttgcagaa caaaaaggct acacaaaagc      960
ccactggctc tcaataccct caagtggatg gcagaggctc ttgttgaaag tgggagccag     1020
gtgcagcttc ccagtccact cttgctgaag atcatccatg aggaaagaga aaaatccatg     1080
agttagacct tggcaacagg ggaagagaag gtgggaaaca gggaaaaatt ctaaagaaaa     1140
caaaaacaaa aacaaaaaca aaaaacagcc acaacttgaa agctagaagt tcaggaggta     1200
caaccacact ccaaaaatca tgatggttta ccctgacccc gggaggggca gctctccagc     1260
ttacaataga cagtgttgga gttcttacat ctgcaccctg ggcgatggat ccagtcataa     1320
cacctcctgc acagcttcag gcatecttta gcaggaggat aacagagtaa gcaaggtaaa     1380
aataaagaca tggctcccat acacagggtat ctagagcagc agtgtgattg tgaacaggag     1440
caaggattat ctgaatagga atccccctcg tcgtcattgg agcagtggta gaagatgccc     1500
ttgacctaa gacatgcagg ttccatattc caccatgctc tcagcagagc aaaggcactg     1560
ccggttacag gccaaacagg atggtagggg cctgggagca gtgcattctc cacacttgca     1620
cttccacac tggttcacaaa tgaacttggt ctgtgtcagg tcctctttca aggaaccctt     1680
caagtcatcc acaatcagtt gcttgggctg ggtccggatt gccctttcag acctatgacc     1740
agggactggt ctggttggtg gtgaccttcc taacagtccc tgttcagaag aggcactgct     1800
gttgctccca gagctggctg cacttccagt gctggttgat ctgctcaaaa tggggcccct     1860
ggcattactt gggagtactg catgtcccag gtggttctgt tgtctgtgct cgtagttatt     1920
attcacatta attggtatga ttcatgagt cctttcatgc tttcttctgt ttggtgctgt     1980
ccgaggagca ggtcttttca ccaccgaagg cccttctgtg tattcattgc tgctcttat     2040
ggccttgatc tggctaaagg acaaaatagc agtaggctga atctctctct catagtctaa     2100
tctcgacgg ctatccaaag aaggctgctg gataacaact aacgaactgc cactgccatg     2160
ttgattttgg ggatccatgt gtagtgatct cgagtctctg     2199

```

```

<210> 6178
<211> 2565
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2566)
<223> n = a,t,c or g

<220>

```

<221> misc_feature
 <222> (1527)...(793)
 <223> similar to gi5262359 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6178

gtaaaaataa	ttgtttttatt	tttattgaca	tgactgattg	attgattgct	attctgtgca	60
cttaattaaa	ctgattgtga	tgacttttca	tttgtttaca	tacgttgctt	cagtcttctc	120
aggtgaaagt	agtgagaaaa	ccgtgaaaga	ggggggaaac	atztatccat	tatatgctgt	180
ttcactggaa	gtgttaccag	cagtccacag	aactaatgtg	tccccacaga	cttctcaatc	240
ctctccacac	cgaagtgcaa	aaccacagca	gggaagatgt	gcagggagat	gtggagcaaa	300
acacagccaa	tttgccctca	cctcaacatg	cttttgaatg	caatatacca	ctgttttacg	360
acctaaggat	ctacacacct	taaaaaccct	aaagtaaaat	aaaggaatag	tgtcaacatg	420
ccatttattt	tttgtcatct	tgaactaaaa	gtacagctgc	aagcaagctt	gctataggac	480
aagcttcagc	ttgggaaaca	tcaactatct	gcactcagga	cttacctatt	tccagaggaa	540
tatcgatgga	aggtcaggtt	aatacttaat	ttcaggttgt	ttgctacttt	taaatcaatg	600
cagtgtctag	ttataataaa	gagtcaaaca	atgctttaca	ttgtatatat	gttcatagat	660
ttcatccaat	ataaaaataaa	gacagtcctt	ttaaacaaaa	gatagggaag	aggtaaagt	720
gacacttttt	ccgcttacaa	aaagtaatgc	cttataataa	attttaattc	aaccatttag	780
gggggtcagc	tgcaagtgaac	cttttatttc	ttcaaaatgc	tgcttctgcc	aacagaattt	840
catgttctct	tctttacaga	tagatagata	ggaactcctt	caattgtaat	tctgtttgcc	900
ctagagtagg	cacaaaattc	agtgcaacca	tggcatagtg	ttcttctggc	cagttcccac	960
atctccattt	catgatgac	ttcttatttg	ttaaactcctt	tacagtgaag	atgctataca	1020
gctgctctac	agttgtgtca	aacagttcca	tcagtgtgaag	agccacagtg	ggaatcctta	1080
caccagtg	cactggagat	gaggcctgaa	cctgcagggt	attcccactc	agttttcttt	1140
tgacagtcaa	ttcctgggtt	gccatagctt	tcgttggtaa	aatcattccc	gttgtaaatt	1200
ctcagtgtca	tctacttcat	tttctcaga	aagattgggt	atttcaatca	atcccttggt	1260
cttcaactca	gattctttaa	cgatgccttt	ccagcccagt	ttgatgttcc	actcatagaa	1320
gaaaatcagc	tttcctttgc	ggctgctgca	cgaagcctcc	ccttccacct	gcttcaactc	1380
gttgatctcg	ccgcggccag	cgtcattctc	cacaacgatg	cccaccagga	gctcctggaa	1440
cttccctttg	gacaagctgg	tggcatccc	ctctgtcctg	ccagggacca	gaaagtcgtg	1500
aatggaagcc	ccagctggga	tccacctgcc	tgggtgccag	ggtcacgtcc	aagcccagcc	1560
cagatcgccc	caagtccctc	caagcagcct	cgaaacctgc	caacctccaa	tgtgctcctc	1620
aaacctgctt	tctatcaaat	tcttttcatc	ctgctcagtt	ctttaagata	ttattgtcca	1680
ctatgcaagt	agtattctgt	cttaaaaaaca	ctggcttatt	taagggagga	ggatctagct	1740
agctcgccca	ctggaaatag	gcaaagccta	ggccacagg	aaagtagcag	tagtgaacta	1800
atcagaatca	tgacaatacc	agctatcaag	tgtcttcgca	tatacatcgt	ctaattgtaat	1860
cttcccaggt	aatattctca	ctttagggga	cagaaacgag	ctgagagaaa	tgacatgtcc	1920
atcggggccaa	ggctaggaca	ctagaaagtc	agatctagct	cacgcctgta	atcccagcac	1980
tttagtaggc	ccaggcgggc	ggatcacgag	atctggagtt	cgagagcagc	ctgaccaaca	2040
tgggtgaaacc	ctgtctctac	taaaaataca	aacatcagac	ggacgtagtg	gcacgcatct	2100
gtagtcccag	ctactcatga	ggctgaagca	ggagactcgc	ttgaactctg	gaagctgagg	2160
ttgcagcgag	ccaagattgc	ccatgccttc	agagctcctc	cggaccagcc	aagtcatgct	2220
cctctgggga	ccggcctcag	catccctcgc	acggcctgga	gggaccacag	ccccggccag	2280
aggcgaggg	cagaggacat	cccttccgga	ggttctgcgg	cggagggctg	ccgacctctc	2340
cccacgcgcc	aggtgaggcg	cgtaaaggaa	ggggagcttg	tctcactcac	agagggcccg	2400
gctcgcggga	ggcgctgcg	gggtgggcgc	gaactgagat	ccaaatttct	gccctttcca	2460
ctacgttcca	tacccccgcc	cctaacacag	tctctcaatc	cagctccctt	ctaactcncc	2520
gaaacatcca	gaggggaatt	ccncggcnct	cgaatgtggt	tcgat		2565


```

<210> 6179
<211> 1530
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (91)...(1320)
<223> similar to gil90994 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6179
accccatgca tggagtgtat aaaaggggaa gggctaaggg agccacagaa cctcagtgga      60
tctcagagag agccccagac tgaggggaagc atggatggat ggagaaggat gcctcgctgg      120
ggactgctgc tgetgctctg gggtcctgt acctttggtc tcccgacaga caccaccacc      180
tttaaacgga tcttctctca gagaatgccc tcaatccgag aaagcctgaa ggaacgaggt      240
gtggacatgg ccaggcttgg tcccgagtgg agccaacca tgaagaggct gacacttggc      300
aacaccacct cctccgtgat cctcaccaac tacatggaca cccagtacta tggcgagatt      360
ggcatcgga cccacccca gacctcaaa gtcgtctttg acactgggtc gtccaatgtt      420
tggtgacct cctccaagtg cagcgtctc tacttgct gtgtgtatca caagctcttc      480
gatgcttcgg attcctccag ctacaagcac aatggaacag aactcaccct ccgctattca      540
acagggacag tcagtggctt tctcagccag gacatcatca ccgtgggtgg aatcacgggtg      600
acacagatgt ttggagaggt cacggagatg cccgccttac cttcatgct ggccgagttt      660
gatggggttg tgggcatggg cttcattgaa caggccattg gcagggtcac ccctatcttc      720
gacaacatca tctcccaagg ggtgctaaaa gaggacgtct tctctttcta ctacaacaga      780
gattccgaga attcccaatc gctgggagga cagattgtgc tgggaggcag cgacccccag      840
cattacgaag ggaatttcca ctatatcaac ctcatcaaga ctggtgtctg gcagattcaa      900
atgaaggggg tgtctgtggg gtcacccacc ttgctctgtg aagacggctg cctggcattg      960
gtagacaccg gtgcatccta catctcaggt tctaccagct ccatagagaa gctcatggag     1020
gccttgggag ccaaggagaa gaggtgttt gattatgtcg tgaagtgtaa cgagggccct     1080
acattcccc cgacttttct tttcctcttg ggaggcaaag atacaccgct caccagcgcg     1140
gactatttat ttcaggaatc ctacagtagt aaaaagctgt ccacactggc aatccacgcc     1200
atgtatatcc cgccaccac tggacccacg cttggccctg ggggccacct ttcacccgaa     1260
agttttacac agagtttgat cggggtaaca acccgcatgg cttcgccctg gcccgtgag     1320
gccctttgcc accgcaggga aggccttggc ttcagccctg gccagagtt ggaaccctct     1380
ttgaaatgcc cctctgctg ggcttatgcc ctcaaattgga gacattggat gtggagctcc     1440
tgctggatgg gggccctgac ccctgcccc gcccctccct gctttgagga caaagagaat     1500
aaagattca tgttcccaaa aaaaaaaaaa                                1530

```

```

<210> 6180
<211> 1818
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1767)...(194)
<223> similar to gi52757 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6180
tttttttttt ttactggggc ttctgcaatt tcaaatacagc actttgcagg gagacaacgg      60
ggttttttgaa tagtatcacc tggatatgaaa agttttccca agaaaccaca aacgattggt      120
catttttttct ctttttttgt taactttttg ccacactcaa gtcagtttaa gtcctagcaa      180
aaagacggta gttaggatac cactgtgggt gtagatgatg tgacactggg tgaattttgtg      240
ctggcgtttg tgtaaacctc cctcgctgtt tgtgtttgat tccgttaggg ggcaccctgg      300
cttgaattgg gctcgaagga ttgctcctgc tggcaactgca atgtggcccg cggccctggg      360
ttctgggtgt taggtaaagg taaggctggg ggaataaatg attccatcat ttcggaccaaa      420
agttactgga acctggactg gttgcgggac ccactctcaa cttctcggga atgcagaaat      480
gtctggggacg acacagagca tactctctcc acacctgtac atagtttcag cttctacatc      540
cccaaaccac actcgtaaat ttggagttaa attctgtcct gtaagttcaa gcattgctac      600
gtccccaccg ccattcaact gaaggctctc taccacaggc acaggagtga ctggggcaag      660
gacagggccc attccctcat aaaatgtata ctctgcctta tctgtgctaa tgattgtcca      720
ggaagcgcca tcatctatca tctctctcac taggtgctat tggacatgga gtggcctgaa      780
attgaattat tctttcttga gaaaggcaca aatacattct ttctgtatcc ttaaggtaaa      840
atgcacattt atggagtgtg gacacaggat catctgcac caataatgcg gtatgcttat      900
caactttcat aattatcaat cttgggagtg ccattgccag aactgagcac acaagtttgc      960
atgtttgtcc ataatggatg tagacatctc ggactgtgaa ttcttctcct tctgattcat     1020
catcatccaa gagatgaata aaaaaggctc cccactgctg tgaactggca tgaaaattac     1080
ctccttctac atgcaagtat ctggtactaa ctgtctggga tcgtagtcga ttaaacagag     1140
ccacctttgt tcctgaggca atgcataagt cagcattttt caatgactgc ttcttttttg     1200
aaggtttgga gatgactttt atccgcttgc tgagggaacac accaatgtca tcaactgttc     1260
catagaacat ctttacagac aacatgaagt gctttcgctt gtctgagtca gatataata     1320
atgttttggc tgtgcaatag ttctttcctt ccaagtttag ctgctgcatt tcttggtcac     1380
tatttcttat cccaataaat gcacacgggt gagactcttg ttcagaacaa ccatcgcggt     1440
ccatttgttc tttttttttc ttccatccgc tgcccataag atatacacia ggaggtgggc     1500
aaaaaaacct tttttcattt ccataatgact tctgtgcaac ttttgcata agaataagta     1560
ctgtttgatc cctcgcctct tttaaataat ttgcataagc ttccctagta agtcgttttag     1620
gtggaggccg ctcaccaaatt ttcccaggcg atggagcatg cgcaggcggc tcctccgcgg     1680
gcgagccctc cgtgtggtcc atggggagcg ctccggttat ccgggtttta ggacgcgctt     1740
tgaggggacgt acgtggagac tgcagcccc catctttccc ctcttttgct ctttcttttc     1800
ctagagattc ccacgaaa                                     1818

```

<210> 6181

<211> 1768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1703)...(752)

<223> similar to gi469885 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 6181
tttttttttt ttgctaaatt caatatttat ctgaaagtta aagaaaagca aacaaacata      60
tacaaaggac atttcatttt taatcactca aaaatgaaaa aggtttggac aatgtcaaat     120

```

tccactcacc	ataatgctat	agttatacat	taaatataat	tactatctat	acatatgcaa	180
aaatataaag	ttctatttca	tacaataaaa	ccctttatag	aaaccatttt	aaaattaagc	240
agaacttctc	aacattaata	tgtgagggtga	ggcttaagtc	cttctaaagg	tttctttaa	300
ggttttttaa	caaaatgcta	aacctaaaaa	cattgtcctg	tcagttccca	aattaaatct	360
acttagaaca	aaaacaaaaa	tttatagctc	ggtcacatac	tacttaaata	atattgttca	420
ggcatctcta	aaatcctcca	tgttttcaag	tatggaaata	gaactcaaat	attccacaat	480
acagtactaa	acagatggag	tatttaggaa	agactttggt	gtcatatggc	acaatattaa	540
tattttgttg	cttcaatacg	ttttgaaata	aatatcagat	ttttgttttt	ttttcctaaa	600
agacccaaat	tataatctac	attaagataa	ttctgactgt	ggttaagact	taagagtgt	660
aaatacaaca	tcaatatttt	atcacaaaag	taaagctggg	aacaaattat	aaaaggagcc	720
agtactctac	tgagacaggc	toggagatta	aagctcatca	tgatagaaat	agtcatcatg	780
gagctgtctg	ccataatctg	tggcttcact	ggtgagaaac	aagtccgggt	ttcccagaat	840
ctcttcttca	gagagctttt	tgtcaccatt	caaatccatt	tcatcaatta	gatgaagcgc	900
ctcctgcttg	tgcaatgccc	tgattattag	gtactaccca	aggtaacagc	tcttggggat	960
caagcctgcc	atcggtatct	ttgtcataat	cattcacgaa	tctgtctttc	tcaacaagta	1020
tccattctgg	atcttcattt	gcagttggat	cccacctgta	atcaccaaga	aattcttcca	1080
aactaacaaa	tccatcacca	tttttgtcat	gttcttctaa	agcttcttga	atgacaaatt	1140
ccgtcatata	atcaacttct	tcaggatgct	caaaagcaat	aaattcttca	agactcaaac	1200
cgggacctga	atcctgggta	gctttttcaa	atcgcttctt	gtcctttaag	tgaagcttcc	1260
taaaggactc	ctcttctgca	tcattccagag	cagtgttctc	atcaaagtca	atcacacgat	1320
catacatctg	aatgttatat	tcattcccaag	tcacagtatc	atcactgttt	ttatcatatt	1380
caacaaactg	ttgttttgct	tcttgcatag	cataatgctt	aaaagacatc	tgaatccatg	1440
aactgagttc	actttcagtg	agaaagccat	ctgagtccaa	gtcgattttc	tttatgatcg	1500
cctgcagttc	tttttgcctg	tcttcgtggc	cgagtttaac	atattcatcc	acatcttctc	1560
ggacgcccag	cagcgccctg	cggtcgtagt	cgctgcggcg	ctcgcccagc	gggtagtgtca	1620
gctcctcggc	cttgccggcg	ccggccgcgg	cggcgcacag	cagcagcagc	cccaacgccg	1680
cggtcctcgg	gccagccgcg	atcgcgccgg	cccgcggagg	acaccgaggg	acgcgaggag	1740
ggaggctggc	gggggcccgg	gcggctgc				1768

<210> 6182

<211> 2772

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2418)...(118)

<223> similar to gi4589141 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6182

ttagttagtg	aaaatatata	tttgccacca	gaattcactg	ggaccccaga	gccagcagat	60
gtggttggaa	agatcctctg	ctctgtcctc	tggcctcctg	ctgcatctgg	gccatcagtt	120
ggactggagg	agctggacgg	gcacatagtt	ttcctcagag	gcaccatcct	catcctcctt	180
gggaggggaa	gccaggacag	ggttctcgag	agttcgaggg	acacctgccc	ctggacgggt	240
cctcacacag	cgtaggcacg	cgtctgctcc	catgaagccc	agttcacctc	ctccaccctg	300
aagcaccagc	gctcatcggg	gctgccatct	ggcttagtgc	caacgggtcag	catcacacct	360
gcccgtgct	tcttcctgca	ccaccaatag	ccattctcca	tctccaggac	agagatggct	420
ttctgcagct	tccagatgct	ccagctgtca	gtggcgacac	tgttgacggg	ctcgctcatg	480
agggcgatga	gcatgttgag	cagcaggatg	taggtgagca	gcacgtaggc	cagcagcagc	540

agcagcacca	tgccgcggaa	gtgcagctgc	tcctggaagg	ccagctcgcc	catgccgatg	600
gtgaatttga	agagctccaa	ggaggcttcc	aggatacccc	tgtactgggc	cccgttgccc	660
tcgtcctcct	gtccctccat	gggctgcact	gactctgtgg	cattggggcc	tgtagggagct	720
tcggggcgcc	aagcctcctg	gctcaggctc	accaggggcta	cagcgaagcc	gaaaagggaag	780
actaagtaga	tcagaaggaa	gcgcagcagg	tcccgcagga	tgaccttctg	gatcatgaca	840
ctgtagatgc	ctgtgtgctg	gaagccacgt	gtatagtaaa	gcaggttcag	ccagcccagc	900
accagcgcag	acacaagcag	gggcaggtag	cactcgatgg	ccaggaaaca	cagcacctgg	960
gacaccactg	tgagcagggc	ctggaacagg	aagaggattt	caaagtagct	gtctatgaac	1020
gagatccaga	tgaacacgtg	gcgccgccag	aagtaccaca	gctggcccac	gaggaggtag	1080
atcccccccta	gcaggataag	gatgtggccc	gtcagcagca	tggagtttcc	aacctccgct	1140
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<210> 6183

<211> 4477

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(4478)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (37)...(2739)

<223> similar to gill136436 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 6183
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aaggggctga atcccgccac actctcaggg tgcattgaca tcattgtcat ccgccagccc     180
aatggaaacc tccaatgctc ccctttccac gtcgcgtttg ggaagatggg ggtcctgcgc     240
tcccagagaga aagtgggtga catagaaatc aatggggaat ctgtggattt gcatatgaaa     300
ttgggagata atggagaagc attttttgtt caagaacagc ataatgatca ggaagtatc     360
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agaaagtcac agctggacag cctgaagaga gatgacaaca tgaacacatc tgaggatgag     600
gacatgttcc ccacgagat gagctcggat gaggccatgg agctgctgga gagcagcaga     660
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cagtcggtgg gcagctcggg cgtggacagt ggcgtggaga gcacctcgga cgggctgagg    1440
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aaagatgcat tcctggagca agctgtgtca tatcaacagt ttgtggacaa ccccgctatt    1560
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gcacccctcc tcctgggcaa tgcaggcctt ccagaaacct ttgccaaagg ccactgtgga    1680
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aagaaacacc acaatcaagg aggaaagtaa gccagagcag tgcttggttg gcaaggccca    1800
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aattaaaaat	agtccctgcct	gaggttgcatg	tgagccgagc	ttgcactact	gcactccagc	4440
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<210> 6184

<211> 3060

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (288)...(2635)

<223> similar to gil924940 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6184

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aagcccacga	ggaaaaaatg	tgggtgtcac	tgggcaagat	ggggataata	ggaggcccat	180
gcaggaggca	caagagccca	accaactgtc	ccatttttgc	cctgaccttt	gccctggtag	240
tcttggcctt	tcccgcctac	ctgctgggca	ttgacagcgg	gcgactgcag	gagaagctga	300
ccagccgcaa	gatggacagc	cgctggggcg	ggcgagcgca	gtccatcaat	gtgaccctca	360
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aaaggggact	aacagcagaa	tctacctccc	aactgccatg	tgattaagaa	atgggtcttg	2940
agtctgtg	tgttggcaaa	gttccaggca	cagttggggg	gggggggggtc	cttaacaagc	3000
gtgactttgc	tcattctgtc	atcactaagg	caataaacct	ttgccagggtg	aaaaaaaaaa	3060

<210> 6185

<211> 2175

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (245)...(1723)

<223> similar to gi2708630 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 6185
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gcagactggt tgccatgaca gcccaccaag gacgggggga ataaagtggg aacccttccc      180
catgcccctc ccacggtcag cccccgatg gcctgggtga gggcaggctg gctgctctga      240
caccatgggg agctgctgca gctgcctgaa cagagacagc gttccagaca accaccccac      300
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gctgcactat gagaacctgc cccactgcc cctgtgtgga gaaagccaag cccagcagct      1260
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aaattttgaa aaaaaa

```

```

<210> 6186
<211> 3201
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(3202)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3073)...(426)
<223> similar to gi4868008 in the genepept database release 114,

```


Run with FASTXY 3.3t00, default parameters

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<400> 6186
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accacaaggt ccgcctggac ccccgccgt caccgacggt cctctggatg cagatgggtcc      180
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ggggcttctt cagaagctct gctggtcacg caggcgctcg gcccacggcc ttcaacagcc      300
ctgcagggcg ggctgaggtt aaccgcgcgc aggagagtcc agggcgagcg gtggctcttg      360
cagcagccgg gctcaggggc agctgagggg tagctgagga gtagctgagg ggcagctggg      420
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gagggtccg aggtggggga gggctccgag gtggggcagg gctccgaggt ggggcagggc     1140
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```

caaatcacac	atgagggcag	tcaccagetc	ctggtcggcc	cgtgcgccaa	gctcagcggg	3120
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aaccagtcgc	ttgaggcgtg	g				3201

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<210> 6187
<211> 1285
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1252)...(386)
<223> similar to gi4867999 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 6187						
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caaatgacta	aaatacaaaa	atgtaatgta	tttatctact	aaatgggttag	ctataaagat	180
acaatttctg	ccttggagtt	taaagcagtt	tcattttttg	ccatagttac	tttttctgat	240
aatatgctag	aatcacagtc	ttctctgttt	tatctggatt	gtagggattg	tttacatttt	300
atatggtttg	ttcacttgag	aaccaaattt	tttttttctt	catgatgatg	gaagctctgt	360
aatataaaaa	tgtcattgtg	ctcatatatt	tgaataatac	ccgaccccg	ttttcaaagt	420
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tcattgaaac	aggattcaaa	aacttcatca	acagcctttt	tagctacttc	tttgctgata	540
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cgccaacgcg	accgcccgag	ccctccctcc	gcaggggaaga	agggcagcct	ggctgggctg	1260
aagacgttag	gcggggagggg	gcttt				1285

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<210> 6188
<211> 2358
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

```

<222> (140)...(1585)

<223> similar to gi3378168 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6188

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ctcagattta	ttgctaaaca	tggttgcat	tttgataaa	cccaaaactg	aaaaacataa	180
tgctcatggt	gctgggaatg	gtttacgtta	tggcctgagc	agcatgcaag	gatggagagt	240
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tcttgagctt	tcagtggaaa	atgttaagaa	tggtatcaga	acctgggatt	tttgaaaatt	480
gatgaatata	tgcgtaacct	tttcagacct	cagaaaccgg	gatggacaag	gagttgggtc	540
aactgccagt	tggaagttat	gatttcacct	aagcatatct	actttatcaa	ctgtggtgat	600
tcacgtgctg	ttctgtatag	gaatggacaa	gtctgctttt	ctaccaggga	tcacaaacct	660
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<210> 6189

<211> 3622

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (318)...(2733)
 <223> similar to gi38032 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6189

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<210> 6190

<211> 2316

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (134)...(2317)

<223> similar to gi38079 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6190

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ggggagaagc	aatatgttaa	ggatacctgt	aagaaaggcc	ttagtaggcc	tttctaagtc	180
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atgacagatt	caattagcag	agcttcacag	acaatggcca	aatgtgtcaa	agctgtcaca	2280
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<210> 6191

<211> 1578

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (99)...(660)

<223> similar to gil841436 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6191

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ggcatatat	ctaataacag	tgcttctctc	aagagtatat	agaaagctct	tagaattaat	1440
aatgagaaga	caattaaacg	aacaaaaatg	ggctgaagtc	ttggatagac	atttcaccga	1500
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catgtgtgca	atcccagc					1578

<210> 6192

<211> 3282

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (17)...(2775)

<223> similar to gil469874 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6192

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caccagtggg	cttacagaca	taacatggag	ctccagtggg	agtgatttgt	cggatgaaga	360
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tgacagggca	gaggctagtg	actgtgatga	atttgaagat	gacgaggggtg	ctgtggaaat	480
ctcagactgt	gcttcttgtg	caagtaatca	gtcttttgaca	agtgatgaga	agctgtcgga	540
gcttcccaag	ccaagttcta	tagaaatttt	agagtattca	tcagatagtg	aaaaagaaga	600
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<210> 6193

<211> 5825

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (39)...(1263)

<223> similar to gi3327100 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6193

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<210> 6194

<211> 2648

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (257)...(1764)

<223> similar to gi299703 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6194

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<210> 6195

<211> 8461

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (243)...(7889)

<223> similar to gi5732618 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 6196
 <211> 2085
 <212> DNA
 <213> Homo sapiens

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 <221> misc_feature
 <222> (1) ... (2086)
 <223> n = a,t,c or g

<220>
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 <222> (767) ... (1194)
 <223> similar to gi5817230 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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agtttgtgta	tttttctcca	tctccccctg	gcttcctaga	gtttggacat	attccaggct	720
aaatgctttt	actcaagact	acagaaaggt	ttgaagtagt	gtgtgcatgg	catgcacgta	780
tgtaagtaat	ctggggaaga	agcaaagatc	tgtttcattc	ttagcctcag	gcctcatgag	840
ggtctccaca	gggccggagc	tcaggttaca	ccactccttc	gtccttacag	gagatgtagg	900
gagaagaatc	tgcaggctgc	ttgtgggact	gttcaccaag	ggggatacca	gcagcaagag	960
agtgcacccg	tttagccctg	gaccctgttt	cttactgtgt	gacttggcta	gagttggggag	1020
ttcccccaaa	ataaacgtgt	ccccatttta	ccagaaccca	aacctcaaca	cagcgaagct	1080
gtactgtcct	tgtgtggcaa	agatgttccc	ttgtaggccc	ctttcaggta	accgtcttca	1140
caatgtattt	tcatcacagt	ttaaggagca	tcagccgctt	ctcaagtggg	tagggaaagc	1200
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ggtgatgggtg	gggagatgat	gggctaaaca	ggcaactttt	caaaaacaca	gctatcatag	1320
aaaagaaaact	tgctcatgt	aaactggatt	gagaaattct	cagtgattct	gcaatggatt	1380
tttttttaac	gcagaagtaa	tgtatactct	agtattctgg	tgtttttata	tttatgtaat	1440
aatttcttaa	aaccattcag	acagataact	atttaatttt	ttttaagaaa	gttggaaagg	1500
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tctgaaccaa	gccccactcc	cttgctaggg	gtgaaagcat	tacagagaga	tggagccatc	1740
tatccaagaa	gccttcactc	accttcactg	ctgctgttgc	aactcggtctg	ttctggactc	1800
tgatgtgtgt	ggagggatgg	ggaatagaac	attgactgtg	ttgattacct	tcactattcg	1860
gccagcctga	ccttttaata	actttgtaaa	aagcatgtat	gtatttatag	tgtttttagat	1920
ttttctaact	tttatatctt	aaaagcagag	cacctgttta	agcattgtac	ccctattgtt	1980
aaagatttgt	gtcctctcat	tccctctctt	cctcttgtaa	gtgcccttct	aataaacttt	2040
tcatggaaaa	gctcctgtgc	caggagctca	gtctgaaaaa	aaaaa		2085

<210> 6197

<211> 1846

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1847)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (193)...(1409)

<223> similar to gi29648 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6197

ttcggcagag gggcgtggta gcgtagggtt gcgcggcccg gaaccgcaga gccggccaaa 60

gcgcggcgca	ccgtgcgcgcg	gggccgtgcg	cgaagagacc	tcgcggggcgc	ggagcgaaaag	120
gccggcgtaga	gtgagcgcg	agacagtggc	cgccggcggc	ccaacccgtc	tatcccttcg	180
gcgcgcgcgcg	gcatgagcca	catccagatc	ccgcgggggc	tcacggagct	gctgcagggc	240
tacacggtgg	aggtgctgcg	acagcagccg	cctgacctcg	tcgaattcgc	agtggagtac	300
ttcaccgcgc	tgcgcgaggc	ccgcgcccc	gcctcagtc	tgcccgccgc	cacccacgc	360
cagagcctgg	gccaccccc	gccagaacct	ggcccgacc	gtgtcgccga	cgccaaagg	420
gacagcgagt	cggaggagga	cgaggacttg	gaagttccag	ttcctagcag	atttaataga	480
cgagtatcag	tctgtgctga	gacctataac	cctgatgagg	aagaggaaga	tacagatcca	540
aggggtgattc	atcctaaaac	tgatgaacag	agatgcagac	ttcaggaagc	ttgcaaagat	600
attctccttt	tcaaaaatct	tgatcaggaa	cagctttctc	aagttctcga	tgccatgttt	660
gaaaggatag	tcaaagctga	tgagcatgtc	attgaccaag	gagatgatgg	agacaacttt	720
tatgtcatag	aacggggaac	ttatgacatt	ttagtaacaa	aagataatca	aacccgctct	780
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tttagaagaa	tcatagtga	aaataatgca	aagaagagga	agatgtttga	atcatttatt	960
gagtctgtgc	ccctccttaa	atcactagag	gtgtcagaac	gaatgaagat	tgtggatgta	1020
ataggagaga	agatctataa	gagaatggag	aacgcataat	cactcagggt	gaaaaaggct	1080
gatagttttt	acatcataga	gtctggcgaa	gtgagcatct	tgattagaag	caggactaaa	1140
tcaaacaagg	atggtgggaa	ccaggaggtc	gagattgccc	gctgccataa	ggggcagtac	1200
tttgagagac	ttgccctggg	caccaacaaa	cccagagctg	cctcagctta	tgcagttgga	1260
gatgtcaaat	gcttagttat	ggatgtacaa	gcattcgaga	ggcttctggg	gccctgcatg	1320
gacatcatga	agaggaacat	ctcacactat	gaggaacagc	tggtgaagat	gtttggctcc	1380
agcgtggatc	tgggcaacct	cgggcagtag	gtgtgccaca	cccagagcc	ttcttagtgt	1440
gacacaaaaa	ccttctggtc	agccacagaa	cacatacaga	aaacagacat	gacagaactg	1500
ttcctgccgt	tgccgccact	gctgccattg	ctgtggttat	gggcatttag	aaaacttgaa	1560
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cattcattag	accacttgta	aagattactc	caaccagtt	tttatatctt	tggttcaaaa	1680
cggcatgtct	ctccaacaat	ttaagtgcct	gatacaaagt	ccaaagtata	aacatgctcc	1740
tttctctct	tggntgctac	tcttgctttt	gggaagttac	cacaggggtc	tggcaggaaa	1800
cctgtttgta	ttaactgttg	gnacactctc	taatggttct	caaagg		1846

<210> 6198

<211> 1804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1606)...(484)

<223> similar to gi4886467 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6198

tttttttttt	ttacgtatca	acaaaggatc	ctttattgac	cagagcagga	ccgtggcatt	60
tttatttata	tatatatata	tatatatata	tatatatata	tatatatata	taaataaaaag	120
tttgaagatc	tggcaggcag	tgatcctatt	ggtcggcca	ccacccccag	cactgatttc	180
ctgtccctg	cacggggaag	ggggagggat	gactgctcca	cccaggccac	agggccacac	240
ttcccttg	aaaccagagg	aagaaagggg	ctttttctgt	agccatcccc	ctgcacattc	300
agaaattcaa	ccaagtattt	ctctcaaaaa	aaaaaaaata	cagaaattga	aacattttaa	360
tatgaaaaac	caaaggggaag	tgagtgggaa	gaggcaagag	aggaaaggaa	ctggagtttc	420

ttgggaaggg	actcccatgt	ctcccttccc	atttatgggc	ttggggctctg	gggtacgagg	480
ctcacacagt	gagtttgag	tgacacagct	ccttgtagat	ctgccgacga	agtttgggca	540
tgctctgctg	gggtgaagctg	aatggctgag	acagggccag	atgcttgag	tactgcaaca	600
caaaagcacc	acagtcactg	tcattattct	gcctggccac	attcattttg	aagtaacctt	660
tccagccctg	gtggaaatcc	agtcggctct	tctttaccgc	ctctgcctgt	agatacttgg	720
caatatgctt	agggcagcgg	cggtttaggg	tacgtgcga	gtcaaaatag	gtgatgggtg	780
gtcgccctac	atcaacagag	atgagggacc	aatgcacctc	caggtggatg	gggattagca	840
gtagctcctt	attgaagatg	tccacgtttt	tggtccacct	tttcacccca	tcataacctt	900
tggtacggag	tttatcaata	gaagaaacta	ttgaagaaat	gcaccttttt	cagggactgt	960
gtccatgacc	aggtctccat	acatgttcat	cacctgggtc	ttgagccagt	tctgtccata	1020
caaggtcccc	aagtcattcca	tggtcagcac	gtgccgctta	taagccactc	ggaagcccct	1080
caccatggca	ttgcctggca	tccgctggta	agactggatc	agctgcaaca	ccaggcccctt	1140
cctggaaggg	gtggaaaact	cctgctggaa	aatgtcctcc	agcttctcta	ctacctcatc	1200
agtgtgagg	ggatgaggg	tgccataccg	tttgaaggaa	ttcgtccaag	atgctctgta	1260
cgcaggtcac	atgtcctctt	cgcagggggc	tgtgtctggc	ggctttttctc	cccaggccctc	1320
tctgcctctt	ctgccatgcc	caaactctgag	ccctgaaaaa	gtcctctggg	cacatgggtcc	1380
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ccttctggcc	cagattgtcc	cccaaaaccg	ttgggcagag	tacatgaaag	gaggcccgag	1500
tcaggggtcca	gaggagactt	tggaagtcac	ctgagtcctt	cttccctccat	ggggggccca	1560
gagggcactg	gtggagaccc	tctcacccca	tctcagcca	tgagagcacc	tagcagaccc	1620
agccgggggtg	agcttggccc	ccggggggag	tcaaaacgac	aacaggggga	tggcacctgt	1680
ggcgctgcac	ccccttgctg	gggtgaaaga	tggttcttgg	ggtgtgcgag	gccccgcgcg	1740
cggccccggt	ggcgccccca	aagcttccag	tggaatgtca	gcgaggtgct	tttccacgcg	1800
tcgc						1804

<210> 6199

<211> 1706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (265)...(1389)

<223> similar to gil840045 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6199

agggccctggt	gaagtacgga	atgccggaag	ggccgggctc	aaagctccgc	ctctggcgcg	60
accgacgact	ggagcgcagg	gcaggggtag	aggctcgtag	atggaactgg	tagtcagctg	120
gagagcagca	tggaggcgtc	ctgggggagc	ttcaacgctg	agcggggctg	gtatgtctct	180
gtccagcagc	ctgaagaagc	ggaggccgaa	gagttgagtc	cgttgctaag	caacgaactt	240
cacagacagc	gatccccagg	tgtttcattt	ggtttatcag	tgtttaattt	gatgaatgcc	300
atcatgggaa	gtggcatcct	tggttagct	tatgttttgg	ctaataccgg	tgtctttgga	360
tttagcttct	tgctgctgac	agttgctctc	ctggcttctt	actcagtcca	tcttctgctt	420
agtatgtgta	ttcagacagc	tgtaacatct	tatgaagatc	ttggactctt	tgcatttgga	480
ttacctggaa	agttgggtgg	ggcaggcacc	ataataattc	agaatattgg	agctatgtca	540
tcttatcttt	taattattaa	aacagagctt	cctgctgcta	ttgcagaatt	tttgactgga	600
gactatagta	gatattggta	tcttgatgga	caaacactac	taataatcat	atgtgttggc	660
attgtgttcc	ctcttgcact	tcttcccaaa	ataggctttc	ttggctacac	aagtagttta	720
tcatttttct	ttatgatgtt	ctttgctctt	gtggaataaa	ttaaaaaatg	gtccatccct	780

tgctcctctga	cattaaatta	tgtagagaaa	ggcttccaga	tttcaaagt	tacagatgat	840
tgtaagccaa	agctctttca	tttctccaaa	gagagtgcct	atgccttacc	aaccatggct	900
ttttcatttc	tctgccatac	ctcaatattg	cccatatact	gtgaacttca	aagtccttca	960
aagaaaagaa	tgcaaatgt	taccaataca	gcaattgcct	taagttttct	catttatattt	1020
atatctgcac	tctttgggta	cctcactttt	tatgacaaag	tggagtcaga	attactaaaa	1080
ggttatagta	aatacttate	acatgatggt	gttgtcatga	cctgtgaagt	tatgccatac	1140
tatttgctgt	gcttttggac	agtcctctca	atccacttcc	ctgccagaaa	agctgtaaca	1200
atgatgtttt	tctccaattt	tccattctca	tggattcgcc	attttttgat	cactctagca	1260
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gtagttgggtg	ccagtacatc	aacatgtttg	atttttataat	tcccaggact	attttatctt	1380
aaacttagca	gagaggattt	tctgtcatgg	aaaaagcttg	gggttggcgt	gcagtgggtg	1440
gatctcagct	cattgcaacc	tctgcctccc	ggactcaagc	aatcctccca	cctcagcctc	1500
cagagtagct	gagactacag	gaagagatac	catggagatg	tgcaccacga	ggaaaggcca	1560
cgcaaggaca	cagcaagaag	gcaactgttt	acaagccaag	ggaagaggcc	tcaggagaac	1620
caaacgtgtc	cacaccttga	tcttgcaact	cccaacctcc	agaactgtga	gcaaataaat	1680
gatgttggtt	aatcccaaaa	aaaaaa				1706

<210> 6200

<211> 2060

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1456)...(1236)

<223> similar to gi220136 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6200

ttaatgtaaa	attaacaaaa	aatatttatg	gccaggggtg	tggcttatgc	ctgtgattcc	60
agaactttcg	gaggctgagg	cagggtggatc	acttgaagtc	aggagtttga	gactagcctg	120
gccaacatga	cgaaacccca	tctctactaa	taatacaaaa	attagctggg	tgtggtggca	180
tgtgcctgta	atcccagcta	cctggggaggc	tgaggcagaa	gaattgcttg	aaccggggag	240
gtggaggttg	cagtgaagctg	agatcgcacc	acggcacact	ccagcctggc	cgacagagaa	300
agactccatc	tcaaaaaaaa	agaaaaggaa	aaacatttgc	acttcaattc	tccttcaagt	360
taaaatgagt	taaaatgcct	ccttttggac	aatcccttgg	cttgaatgtg	gctcttccct	420
ctctgggtact	ggtgcttagt	acctcacagc	acctgacaag	ttaagtgcc	atggttgctg	480
aggcagatgc	ctgccttgtc	ctgcccacct	gcccaccact	tctccctaaa	ctgaagcccc	540
acatttggag	cagtcattctt	tatcttggac	acagcattga	gcagatacct	gttccacagt	600
caacctttta	tcaagagaag	gtaccaaaacc	caaaagtata	acatctaatt	cttacctgaa	660
ttttcagtgg	ctcgatgtga	ttcaggtaaa	tatgtgcata	tcccaaagtg	tgtataaagt	720
cacctggcta	taaaccggg	ggagaaagca	gaacagtatg	ttagtttcaa	ttctttaaaa	780
catcatttaa	aaacattaga	atatgcagac	accgcaaggc	tttttttaaa	aaaataattt	840
agtgtagctt	ttccattttt	ttgtagcaac	agcatcttgt	tatgttgccc	aggctgggtat	900
tgaactccag	acctcaagca	attgctcctg	tctcagtcct	ccaaagtgtc	gggattacag	960
gcatgagcca	ccatacccaa	cctcagcata	gcttttgaga	aaatccatag	aagctgtatc	1020
acaacaacc	tgtatagatc	tgttagtgcg	tataccacag	ggccagaaaa	ccttccagaa	1080
gaggaagggt	tcaaagtaaa	agctggttca	tgtcttactt	acacatatca	aattttaaag	1140
ctaactcagag	actaaactct	gcaatttggt	ttcccatatt	aaagaactga	agagctcagt	1200
gtggtaggct	ggcaagtcac	ccttcccag	acagcccacc	ttcaggcccc	tgatgtgcgc	1260

aatcatgtac	gtgagcaggg	cgtagctggc	gatgttgaaa	ggcacaccga	ggcccatgtc	1320
tcccgatctc	tggtacagct	ggcaggacag	ctcactgttc	accacataga	actggcagag	1380
ggcatggcat	ggaggcagcg	ccatcagagg	aagatctgag	gaaccagcag	aggaagataa	1440
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agccaactca	tatgggtggag	accaggagag	agagccactg	ggctgcagtg	atgtccataa	1560
cagcctctgc	agcgatggca	cggagctgag	ggagactatc	catcgggtgca	aggtttctgc	1620
aggtgtccat	ttacggctga	agcaatgctc	ttccatcaga	gctgaaggga	tctgggctac	1680
ctcgtggcac	cagattacaa	atacagcagg	aataattctg	tttgccacag	gaaactgggtg	1740
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atgcctgaaa	tcccaacact	ggggacgcca	ggggtggggc	agattcactt	gagggccaac	1860
ttgagttcga	gactagcctg	gccaacatag	tgaaaccccg	tctctgctaa	aaatacaaaa	1920
attcgcgcg	ctgtggtccc	agctctgggg	ctgaggaatg	ggaactcgct	tggacctggg	1980
agatggaggt	tgccgtgagc	ggagatcgcg	ccactgcact	ccaagcctgg	gcaacacgcg	2040
ctgagactgt	gtctcaaaaa					2060

<210> 6201

<211> 1744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1478)...(204)

<223> similar to gi4929613 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6201

gacacgggga	tcggtgtcatg	actccatddd	gtaaaagaaa	aggggaatca	aaggaaactt	60
caaattttta	aaaaagaggg	aataatcacc	tcagtgtact	taccatgttg	cttagatttc	120
tttttttttt	ttttcttctt	cttctgtttt	ggctctgtagt	gatctttgtc	tctcttctct	180
cttcttttct	tattcttttt	ttttctctta	ccaaatgctg	ttgagctttt	gtctttccaat	240
ttcacttttt	tttctgtttt	cgatattcct	gctgctgctg	gagctcctct	tccatcagct	300
attgcttttg	aagaaggatt	tggaagcacc	tgtgtatcct	ctttttctgc	cctgggacat	360
tcattacggt	aagaggaatc	tgaggctacc	ggtgctgtaa	cttctgaacc	acgacttaag	420
tcaagagggg	gacaggggtc	cagcttctca	agtggcaaat	gtgcaacatc	aggcacctct	480
ggtactgaag	attcttgctg	attttgagaa	ctgatggaga	atactttccc	atcagtggct	540
ggagagggag	aagaaacctt	ttctacagaa	tcacagggca	tgggtaagggt	ggctaaacgc	600
tgagatcttc	ttctccgctc	actatgcttg	aaagggtctag	ggggattcac	aggctgtgga	660
ggactagttt	tatttatcac	tgaagaagaa	agctgagata	caagcgtcaa	atcctcgact	720
tgtattaatt	ctggggaaag	tggtgattta	gggggtttta	tacaccacga	agaatctcca	780
gattcatggt	tgcatttctt	gctgcgagcc	ttccctgaag	acaaagttga	ggataacagt	840
gcaggtttct	gagtgttggt	agaactgcta	atgtcagctt	catttttttt	ctgactttga	900
ggtttagggt	aaatcgctct	ctccagcatt	ggagctgttt	cattgtagtc	ttcctttttt	960
tcagcaccat	caaccccaac	agctttggat	gccaacaaac	cagtaatctt	gttaagtcga	1020
gctctctttg	cctgaaacga	gttgccttga	ttattttttcc	tcttggttga	taatgtgctc	1080
tctggctgtg	gaaagaccat	ctttggaacg	ttctctacat	gaagtcctac	aatgttttca	1140
ctagatgtag	gcagatcttc	cttcttctct	ctacgtctgg	tgtggctaat	aacaagttga	1200
aagtttcttc	catctttgaa	ggtactttta	accactttct	ctcatcttta	tccttatctt	1260
tattgctggt	agcgtgggtt	cgaggtttac	tcctgttttt	gttcttgggt	gcagctgcag	1320
cagctgcttt	gactaaagct	atccaatcct	cacttcccat	agactgggtta	cacgatccag	1380

ctgggtcgat	aggacaacac	cagcttagtg	gatgctggga	tttcacctgg	aacagaaact	1440
gccccttagc	atcctcgggc	atggctttaa	tgtgcattct	ttttaaacia	cgaattactc	1500
catcataaaa	ctgaactgta	aatgttcctt	ctttgttaat	tgcttcaatc	ttggcagggt	1560
aatagcgaca	gtctgtccaa	cgagccagaa	cttctctctc	agctttaaaa	tcaaagaaat	1620
cttctctatc	ttttagccct	tcttttctta	gtgctgggtc	ctcaaggggt	cgcaatctat	1680
tgctatccca	gtaaatccac	tcatcataac	gatgactcca	gcgctcaaaa	tggaccaaca	1740
tctt						1744

<210> 6202
 <211> 7872
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(7873)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (7489)...(2075)
 <223> similar to gi4151330 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	6202					
tgtggacaga	gtaaaaaagt	ttattaacat	tctgagaagg	acagaaat	tcaagaatca	60
tcattagtgt	taacaaagct	tgatgaaaaa	attcggatgc	aaggagggtc	aatgagttat	120
tgggtggtct	ttcaaataag	caaacctcaa	gcaataatac	caaagtgttt	taaaagagcg	180
tttaaaatga	attttattct	ttgaatttta	caaggtagtc	tttagaggct	tcaaacaaga	240
actctgttgc	aaaactctaa	taaatagctt	gccccaaagt	cccaaaciaa	aatgtaaaac	300
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<210> 6203

<211> 4071

<212> DNA
 <213> Homo sapiens

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 <221> misc_feature
 <222> (52)...(2099)
 <223> similar to gi2072501 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 6204

<211> 8435

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<222> (1)...(8436)

<223> n = a,t,c or g

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<221> misc_feature

<222> (2859)...(6129)

<223> similar to gi37334 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 6205

<211> 2830

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (32)...(2331)

<223> similar to gi5640105 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6205

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<210> 6206

<211> 895

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (694)...(150)

<223> similar to gi4929763 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6206

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catcaacact	agttgatggg	ttagcaagca	tagtggtggt	cttccagctc	gtgcc	895

<210> 6207

<211> 4649

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1388)...(4427)

<223> similar to gil469167 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6207

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tttttttttt	ttttttttca	gactttcagc	ccctttaatt	aggtgctctg	agaagagggtc	180
agaatggcag	gcaggggggtg	gggaaggcgg	tgtctcttga	gccccactta	gcaactgggtc	240
actcatcctc	tggcagctgg	atcttgctgg	ggtcgaagca	gttggtattcc	atgatgggaa	300
ggccattggc	ctctcggtat	ttcacaagcc	tctcagcttc	gcggcgggac	cactctttca	360
tctgtagtc	aggcagatag	gccacaaagg	tgtcgccaag	gaccaggatg	atggagacgc	420
caaagaagaa	gacaagtcgc	atgttccaga	cgtccaaaac	ggggtccttg	tcataaccat	480
gggagtctgg	gttcttctca	tacaagtttt	cgtcctcggg	ttctgggtcc	tcttgccacg	540
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agaagctaga	ttcccagcgg	acgcgggcgg	ccgggagccc	tcgcgtcgcc	gctgccgcca	660
aaagacggcg	agcgtcctaaa	ccaaacagcc	cagccgccat	gacagatggg	gctgcagggt	720
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ataaaagctg	aaaagtctga	aaaaaaaa				4649

<210> 6208
 <211> 2830
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (452)...(2082)

<223> similar to gil045197 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6208

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cagtatttca	agaagaggct	taaagctgag	agtgttttgc	taatcagtga	agatgtgact	180
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cagcatttga	gggccttttc	tcttcctgct	tcactctctaa	aggtccttct	aggagagagg	360
tgaaagaaac	ctggcaaaga	aaacggtctc	gacaatgagt	aggccacca	tcactactaa	420
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aagctactgc	caggctatta	catgaattta	aaccagaatc	caaggactct	tttgccaaaa	960
ttttacggac	tgtattgtat	gcaatcagga	ggcattaata	tcaggattgt	ggtgatgaac	1020
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<210> 6209

<211> 2086

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1958)...(528)

<223> similar to gi632968 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6209

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ccccccggtt	tttaaatttg	gttcttttaa	aaggggcccc	cttttttttt	tttttggggg	180
tcaaataaag	cacgttattt	tatttcacaa	agactgtaca	aaattccctt	taaaacatgg	240
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gagggtggaa	actgtgtgga	tggaatagta	ttatgtacaa	ggcagggggt	gaagtgatag	360
gtacaagttc	tttcatattt	acactatttc	acatattcac	aggtatatag	agagccagga	420
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gcttgtccca	caggaagtcc	gtgatggcgg	cgacactgcg	gccggagtcc	cggcaccccc	2040

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2086

<210> 6210
<211> 2381
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (153)...(1824)
<223> similar to gi32080 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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gttctcttgt attcctgttg cttgagctac attaagtaga atgtgcatgt tgtagtccta 2100
tgatgatgta aacttggtac tacataatga cttgctccac acatgcagta aactacataa 2160

tgatgtactg	gtaaactaga	aacaaagaat	gcagcaggat	ctgtctagct	tattaaagat	2220
gaaactgaat	tggaaaaata	gtccattttt	ttggtgcttg	ggaagcacag	tgaccaaaaa	2280
agttgtatgg	ctgcttattc	attagttctt	cctactgatg	tcaaattccat	ggtacctaga	2340
gttaaataaa	attccaatgc	tcttactctt	taaaaaaaaa	a		2381

<210> 6211

<211> 2941

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (12)...(1959)

<223> similar to gi577299 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6211

tttcgtgccg	cgggctccgg	cgagggacag	acgcaccgat	cgccggaggg	acagacacac	60
gaccacgcgg	cgccaccgcc	cacgcctcca	cccaccggcg	cccaagtcc	ccccgcgcg	120
cctcctctgt	atggcacaaa	ctttcctccc	gggacggaac	acgtgcctc	agggagcccg	180
cgaccgcgcc	ttctcctccg	ccggctccat	acgtgtctga	aatgggttgc	ggattgaaca	240
agttagagaa	acgtgatgaa	aaacggcctg	ggaatatatta	ttcaactttg	aagaggcctc	300
aggtggaaac	caagatagat	gtgtcctatg	aataccgctt	cctggagtgc	acgactctga	360
gtgctgcgga	gctccctggg	tcctcagcag	tgaggctggc	ctccctgcgt	gacctgcccg	420
cccagctcct	ggagctgtac	cagcagggct	tctcgtctgg	ggccctgcac	cccttcgtgc	480
agcccaccca	tgagcgggag	aagacgcccc	tggagcacat	ctttagagcc	atcctgatca	540
agaaaaccga	cagatctcag	aaaactgata	ttcacaatga	aggctacatc	ttggaattag	600
attgctgttc	ctccttagac	caccgcacag	accagaaact	catcccagag	ttcattaaga	660
agatccagga	ggctgcaagc	cagggcctga	aattcggttg	tgttatacct	cagtaccatt	720
cctctgtgaa	ctcggcaggc	agcagtgtct	cggtgtctac	tgccaacagc	accgaggatg	780
ccagagatgc	aaaaaacgca	cgtggggatc	acgcgtcact	ggagaatgag	aaaccgggga	840
ctggggatgt	gtgcagtgtc	ccggctggga	gaaaccaaag	cccagagccc	agctcaggcc	900
ccacgagggg	aggtgcccc	cgccaagcag	ccagctcac	cctccggaga	gggagatggt	960
ggagaacttt	caccacaggg	ggtgagcaag	acactggatg	ggccggagag	caaccccttg	1020
gaggggtgcat	gaagagccac	tctcagggaa	aatggagatc	ttcacccttt	tcaacaaacc	1080
gaagagccat	cagaagtgcc	ggcaatacta	ccctgtcacc	attcctctcc	atgtctccaa	1140
gaatggccag	acagtgagcg	gtttggacgc	caactggtta	gagcacatga	gcgaccactt	1200
ccggaagga	ggcatgctgg	tgaacgcagt	cttctacctt	ggaatagtga	atgattcctt	1260
acatggcttg	acagatggag	tattcatctt	tgaagctgtt	tccacagaag	atagcaaaac	1320
catacagggc	tatgatgcta	ttgtggttga	acaatggaca	gtcctggaag	gtgtcgaagt	1380
gcagacagac	tacgtgcccc	tgctgaactc	gctggcggcc	tatggctggc	agctcacctg	1440
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tgtctttctt	cagagaccgt	gtctacctca	gaaaatcaag	aagaaggaat	cgaagtttca	1560
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cagtgccaga	gacaaacaac	aagcagaaga	aaatgagaag	aacttagaag	accagtcttc	1680
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gtgtgggggtg	ggtgtggagg	gtgaggctgt	gcagaatggt	cctgccagcc	acagcagggc	1860
cctgggtggg	atttgcactg	ggcactccaa	tcctggagag	gatgccaggg	acggggatgc	1920
tgaggaagtc	agagagcttg	gtacggttga	agaaaactga	gtcttgggca	atttgtgcta	1980

aaactaggtg	agttgccaaa	cccaaggcat	cttaccaaca	gctgggtttg	gggctgggtt	2040
ccctgggtgt	gtgtgttacc	taccttttgg	cttggcttga	cctctccttg	tgagctcacc	2100
tgagccctcc	cagggccagg	ttcctgacag	tgttggtttt	tgacatcca	ctggaaaggt	2160
gtcattaatg	accagtggt	agaatgcaag	aggtcagggt	attctagccc	tcatggctga	2220
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tgttacccat	gtatgctgtg	tttatcatgt	gtatatcgtc	cagaaagtat	taaggcttta	2820
ggtagatgca	actggcgaa	cttggagagg	gaatgctgat	tgtcttgacc	aaaccacag	2880
cctgtctctt	ctcttggtta	gttacttacg	gcaataaatc	atctatgagt	taaaaaaaaa	2940
a						2941

<210> 6212

<211> 2206

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2207)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (2093)...(1184)

<223> similar to gill17984 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6212

tttttttttt	ttacagctgg	agaagttact	tttattcttg	cagttttata	ctaggaagtc	60
aacatttaat	aagccatcat	ccacaattga	ttaaaaatgt	ttaatcctta	aattgtgcat	120
caatatecta	tgactccaaa	ttttatttat	cactctcctt	caagtctgaa	gaaaatgatt	180
aatttggtaa	gttccacaga	cagtacagtc	ccactgacat	aacatttagt	atgatgtcct	240
actctcatat	tagaattaag	gacagccagt	atcaaactgg	cctgaaacct	gattgtgttc	300
ctgggtcaga	atacctgtag	taaatctgta	aatccacacc	aagacacaac	attaaactag	360
ggtgtgtata	tcttataaaa	accttttcac	agtaaaaatc	aacattaaaa	ttttaccaa	420
ttccaacatt	atgggttttg	aatccaatta	agctttcaca	atgcctgatt	agctgtgaat	480
taattataaa	taacttcatt	tagtttgccc	agcatttcaa	aatgggttat	gactatcatg	540
tttaaaatgt	caaagtatgc	tatacatatt	gcacttttct	gctaggctgg	gctagtatct	600
tccatggcaa	gatectcaaa	ctactgaata	aaatacactt	ttaaataaat	ataggtactt	660
gattaatttc	cctgaaatta	tcaacatcat	taccaaatac	ttccaggatt	ttgtaagatt	720
tgattcctta	aatacagttt	taaagttaaa	cttatggagg	gaaaaaaacc	ctcatagatt	780
gactgtaaat	tttacgtcct	tttttggtcc	ctcaatgacc	aaagagaatt	ttaaacaatt	840
tatgcttcat	gtttcctggc	ttaataaaaa	gctacaattt	ttattatcca	aattaagaaa	900

tattatacta	atcaaaagct	attaattttg	aaatgtctat	gtatgtctgt	ctgtaggtcc	960
ccttagaacc	tttccaaaca	tttataatca	agagatttta	atcaattatg	tactagaatc	1020
atattaaaga	aaaacttatt	ttgcaaaaat	aaaatcactt	tccaatatgc	ttgacagaaa	1080
caagctattc	attttcattt	gtgttccact	gaagacatta	ctgaaatctg	tccaatgggt	1140
tatttccaag	tgggtccacta	tggaattctt	cggaaatgtt	taagattggc	tgtagctaga	1200
gttctgactt	ccatttggtg	cctgctctcc	ttcactgttt	ggagggtggt	ttgggttttg	1260
catcttacta	agaatgggtg	ccatctcttt	tctctcatcg	aaattcttcc	actgctcata	1320
tagttttaaa	ataaccctga	ttattttcaa	aatcttttcc	atatccacag	aaagctcagc	1380
aaaccattgc	ctggcatctt	tctgctgtac	aacacagggt	acatgtaggc	aagctaaagc	1440
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ccatgcaagg	ggaagcaaca	tgtcttcttg	gcccattgtc	tgcacatact	ggagcaaagg	1560
tctataagga	tgatacacta	tcaagcaaca	atccattagt	tctaacagat	agaattcaca	1620
ttctaataa	tgattcatcc	tataaggaaa	ttcctttgga	aaggcatatg	aaaatctagt	1680
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tactttggat	gccaaaaaca	cacatgtagg	agccattaat	acaggatcta	tacttttcag	1800
agaataacct	gcatagaatc	tcttgaaata	taccgtagca	gtggcaataa	cttggtgtct	1860
taattttaaga	tgttcaccta	atgcttggat	aacatttgta	aaaaatatatt	gtaacttcca	1920
atattcttcc	tctgagagaa	actttaaatc	cttttggtgc	tccttcaaca	gatcttggtt	1980
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ccggtccggt	aaccgcgctc	ctcgatcaaa	tcagctcggc	tcgactccgc	tccgcgtacg	2160
cgtgggtctn	cccgggantt	tcggaggttn	tcgagttgnt	tcagat		2206

<210> 6213

<211> 3572

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (142)...(1983)

<223> similar to gi5354054 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6213

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gtcgggccgc	agccgcgggc	aatgccgcga	aggaagagga	atgcaggcag	tagttcagat	180
ggaaccgaag	attccgattt	ttctacagat	ctcgagcaca	cagacagttc	agaaagtgat	240
ggcacatccc	gacgatctgc	tcgagtcacc	cgtctctcag	ccaggctaag	ccagagttct	300
caagattcca	gtcctgttcg	aaatctgcag	tcttttgcca	ctgaggagcc	ctgcttactc	360
taccagaaga	gtgacccgta	gtcagcagca	gcctacccca	gtgacaccga	aaaaataccc	420
tcttcggcag	actcgttcat	ctggttcaga	aactgagcaa	gtggttgatt	tttcagatag	480
agaaactaaa	aatacagctg	atcatgatga	gtcaccgcct	cgaactccaa	ctggaaatgc	540
gccttcttct	gagttctgaca	tagacatctc	cagccccaat	gtatctcacg	atgagagcat	600
tgccaaggac	atgtccctga	aggactcagg	cagtgtatctc	tctcatccgc	cccaagcgcc	660
gtcgtttcca	tgaaagctac	aacttcaata	tgaagtgtcc	tacaccaggc	tgtaactctc	720
taggacacct	tacaggaaaa	catgagagac	atttctccat	ctcaggatgc	ccactgtatc	780
ataacctctc	aagctgacga	atgcaagggtg	agagcacaga	acccgggata	agcagataga	840
agaaaggatg	ctgtcttcac	aggcaagatg	acaacaacag	gcattgcaac	caggcaccag	900

gcaccaacgg	agaggcagct	tcgatataag	gaaaaagtgg	ctgaactcaa	gaagaaaaga	960
aattctggac	tgagcaaaga	acagaaagag	aaatatatgg	aacacagaca	gacctatggg	1020
aacacacggg	aacctctttt	agaaaacctg	acaagcgagt	atgacttgga	tcttttccga	1080
agagcacaag	cccgggcttc	agaggatttg	gagaagttaa	ggctgcaagg	ccaaatcaca	1140
gagggaaagca	acatgattaa	aacaattgct	tttgccgct	atgagcttga	tacctggtat	1200
cattctccat	atcctgaaga	atatgcacgg	ctgggacgtc	tctatatgtg	tgaattctgt	1260
ttaaaatata	tgaagagcca	aacgatactc	cgccggcaca	tggccaaatg	tgtgtggaaa	1320
cacccacctg	gtgatgagat	atatcgcaaa	ggttcaatct	ctgtgtttga	agtggatggc	1380
aagaaaaaca	agatctactg	ccaaaacctg	tgctgtttgg	ccaaactttt	tctggaccac	1440
aagacattat	attatgatgt	ggagcccttc	ctgttctatg	ttatgacaga	ggcggacaac	1500
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gtctcctgta	tccttactat	gcctcagtag	atgagacagg	gctatggcaa	gatgcttatt	1620
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tcagatctgg	ggcttataag	ctatcgagct	tactggaaag	aagtacttct	ccgctacctg	1740
cataattttc	aaggcaaaga	gattttctatc	aaagaaatca	gtcaggagac	ggctgtgaat	1800
cctgtggaca	ttgtcagcac	tctgcaagcc	cttcagatgc	tcaaatactg	gaagggaaaa	1860
cacctagttt	taaagagaca	ggacctgatt	gatgagtggg	tagccaaaga	ggccaaaagg	1920
tccaactcca	ataaaacctat	ggatcccagc	tgcttaaaat	ggacccctcc	caagggcact	1980
taaagtgacc	tgtcattccg	agccagcgaa	ccccagcagt	aggaatccgt	accctaggga	2040
tactgtctgc	atttctctgt	tgctcttctg	attggcaagt	acagtatcct	ttgggaaggc	2100
catccccctc	aggactgtcc	tggtctcgac	ctttgtgtac	actgcagacg	ctggttctga	2160
ggaactgttg	tttcggcctc	agtgaggttg	cctggatggg	atctgtatta	gacttgagtg	2220
caggtctctc	agcactgacc	caaggagttc	tgttatggta	ctgtacctgt	ccagtcactg	2280
gttctctcct	catgtcctct	cgccccatga	ggttgtgttg	tgtcttctaa	gcgtgggtact	2340
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tgtggattgg	caggggggtc	attcactttg	ggttccatct	tgctttaaat	ttcttcattt	2520
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tccactagtc	tgatacagta	catctgtact	tccatatacc	ttgcaactgat	tttgtctgag	2940
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caaggcagaa	tggccacccc	tgccaaagtt	tgcttctctt	ttcaacagtg	cctcaccctc	3060
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agatgttccc	tctaatttct	ctctagccca	ttataacctg	ctatcttggg	gcaacttttg	3240
atgtatgaca	tgtcaccctt	cccaacttgg	tctcctccaa	catgctgtct	tcagtgtggag	3300
ccctcaccac	aatccctgac	tccggtcatt	tgtgcctttc	tcttgtcatc	tctgtacact	3360
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gggataaagg	cctttttacag	aagctaaacc	cttccccaca	tgtggtagaa	tgtgctcttc	3540
tatatctact	cctcaataaa	gcatgttctc	tg			3572

<210> 6214
 <211> 1556
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1170)...(431)
 <223> similar to gil397235 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6214

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tttatatata	tattaaatat	atacatat	tgagacaggg	tctcgctgtc	acccaggctg	180
gagtgcagtg	gcacaatctc	agctcactgc	aacctctgcc	tcccagcctc	aagagatcct	240
cccacctcat	ccttctgagt	agctgggact	acatgogcat	gccaccacac	ccagctatta	300
tttttatttc	ttttttaga	gacaagggct	cactatgttt	ctcaggctgg	tcttgaactc	360
ctggtctcaa	gtgatccttc	tgcttggcc	tcccaaagtg	ctggaattat	aggcatgagc	420
cactgagcct	ggcctgatta	tctgtttttt	gaatagtgc	cctaattgtc	ttttccagtt	480
ccagtaactt	ttgataaaat	ttttcagcag	tgtcttcac	taggtccatc	ttctgggtca	540
taataataat	tcttccaaag	ccagtgggtg	cactcagata	tttgatcaga	ggattgagag	600
attcaggctt	ttggtggaaa	agccatacca	gagcttctgt	tccattatat	ggtgtcaaag	660
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agaggagagg	ctccagttcc	cgaatcagga	taaaatggcc	aaagacatcg	gtctcaaaca	1020
cctcctgaag	tccatcagca	gtgatcttat	cacctgggt	cagcaggcct	tcagcttgaa	1080
aagaggccaa	agagaagtgc	tttgatattt	agttgtggat	taggcatgat	cccagcattt	1140
agatatatac	agtctaattc	ctgaaacctg	caagtaaacc	accaaacaag	attgtgagtt	1200
gcaagtaaaa	acatcaggac	aagatttgtg	attctatctc	tagagtgact	agattcaagg	1260
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agaattttat	agcccattag	agttacagca	tttctttctc	aacagttttt	cttttagctac	1380
agtaaacatt	tgagaattct	ttctttggta	gtggcttcaa	acagaatctg	tggagtcac	1440
gtggacttta	agtaaaacct	ctgatcaata	attccttcca	gctctgtcct	ctcaataagg	1500
aattgcagca	accctttaac	ttttaaaccc	cctctctcca	tcttaccag	tctctt	1556

<210> 6215

<211> 2761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (197)...(2611)

<223> similar to gi2230871 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6215

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cgaggggagc	caagctggag	tttacacagg	caaactgtca	gaaaagagta	gcctgggctg	180

tctggaaatc	tgagccatgg	actttcccca	gcacagccag	catgtcttgg	aacagctgaa	240
ccagcagcgg	cagctggggc	ttctctgtga	ctgcaccttt	gtggtggacg	gtgttcactt	300
taaggctcat	aaagcagtgc	tggcggcctg	cagcgagtac	ttcaagatgc	tcttcgtgga	360
ccagaaggac	gtggtgcacc	tggacatcag	taacgcggca	ggcctggggc	aggtgctgga	420
gtttatgtac	acggccaagc	tgagcctgag	ccctgagaac	gtggatgatg	tgctgcgccg	480
tggccacttt	cctccaaatg	caggacatca	tcacggcctg	ccatgccctc	aagtcaacttg	540
ctgagccggc	taccagccct	gggggaaatg	cggaggcctt	ggccacagaa	ggagggggaca	600
agagagccaa	agaggagaag	gtggccacca	gcacgctgag	caggctggag	caggcaggac	660
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<210> 6216
 <211> 1806
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (53)...(1202)

<223> similar to gi2505957 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6216

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```

<210> 6217

<211> 3023

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (71)...(1928)

<223> similar to gi5596702 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6217

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<210> 6218
 <211> 1572
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1187)...(777)
 <223> similar to gi5531821 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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 aatgtgcaca catataaaaa tacagtatgc attacttatg tacagtacat gtgcaaaatg 180
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<210> 6219
 <211> 5006
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (296)...(4701)
 <223> similar to gi3043714 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6219

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caagggggaca	actacggctt	cgctacttat	cgctatgctg	aggaggcatt	tgcagccatt	4500
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ccagcacctg	taaagagcaa	atttgattct	cttgactttg	acacattggt	gaaacaggcc	4680
cagaagaacc	tcaggaggta	accttggggc	cttccttctg	atcctttttc	tcctttggag	4740
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ctgtttttata	aagaaatgga	aaaaagtga	ataaaaaata	tgttgaatca	gattttttta	4860
aaaggggtat	ttgggttttt	tataaacagg	tattgaaaca	agttaacttg	cattcctatg	4920
taagatagga	ggggctgagg	ggatccccag	tgtttggaac	ataagtcact	atgcagacta	4980
ataaacatca	actagagaga	actcca				5006

<210> 6220

<211> 1169

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (97)...(1106)

<223> similar to gi5870328 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6220

gtccagtgtg	gtggaattcc	gtcgtctcta	tgggtggcggc	ggattttggag	ggaccctacg	60
aaccaggagt	caggcgagcc	gatctggggc	tgcaggatgt	tccgctggga	gcgctccatt	120
cccctgcgag	gctcggccgc	cgccctgtgc	aacaacctca	gtgtgctgca	gctgccggct	180
cgcaacctca	cgtatttttg	cgtgggttcat	ggaccaagcg	cccagcttct	cagcgctgct	240
cctgaggggtg	tgcccttggc	ccagcgccag	ctccacgcta	aggaggggtg	tggagtgagt	300

ccccactta	tcactcaggt	ccactgggtg	gtcctcccct	tccgagtgt	gctgggtactc	360
acctcacatc	gaggaataca	gatgtacgag	tccaatggct	acaccatggt	ctactggcat	420
gcactggact	ctggagatgc	ctccccagta	caggctgtgt	ttgcccgggg	aattgctgcc	480
agtggccact	tcactgtgtg	gggaacgtgg	tcaggccggg	tgctgggtgt	tgacatccca	540
gcaaagggtc	ccaacattgt	actgagcgag	gagctggctg	ggcaccagat	gccaatcaca	600
gacattgcc	ccgagcctgc	ccagggacag	gattgtgtgg	ctgacatggt	gacggcagat	660
gactcaggt	tgctgtgtgt	ctggcggtca	gggccagaat	tcacattatt	gacccgcatt	720
ccaggatttg	gagttccgtg	cccctctgtg	cagctgtggc	aggggatcat	agcagcaggc	780
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aatgcccacg	cccgggccat	ctgcgcctg	gacctggctt	ctgaggtggg	caagctactc	900
tctgcaggtg	aggacacctt	tgtgcatatc	tggaaagctga	gcagaaaccc	agagagtggg	960
ctacattgag	gtggaacact	gtcatgggtg	agtgtgtcgc	cgacaccag	ctgtgtgggtg	1020
ctcgattttg	tgatttccca	aggcaactcc	ttttgctggg	gactggctat	gaccttgctg	1080
agatccggag	attcaccagt	gtgtgaaaag	agcagccttc	ctttgtccct	gtggtattca	1140
taaagtaccc	gctcccccca	aaaaaaaaa				1169

<210> 6221

<211> 1627

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1628)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (939)...(789)

<223> similar to gil786168 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6221

atttgagacc	tttctgagac	catagtcagt	gtgggtggaat	tccgcattttt	gtcgtggggca	60
ggggctcagc	tgctcggttcc	atagaggacc	ttccagataa	ggaggccctt	ccagcccttg	120
actgccgagc	ttgatttcca	ggaagggttg	tggaaagtcac	cgagtgcctt	ccatgcacct	180
gtgaagagtg	cccagtgggg	ccctccctgg	agtggagagg	agtgaactcc	cgtggccagc	240
agccttgctt	tcctggggca	caccccgcat	acagcttctc	cccgggctgg	gacagtggaa	300
gggctgcctt	gccatcacct	ccctgcgcac	ttgctttgcc	caggctcctg	ggctctgctc	360
ctgccagctc	ctgggtggtt	catgctcctg	tgagggcact	gaccagccaa	gcaggaggcc	420
tttgtggtgg	ctgagtagag	gcagtgtggg	tcactcatgc	gccctcgggg	tccaggcccc	480
actagtccct	ctccaagtcc	cattttgggt	ggtnggacac	ccagggtgtg	ggcctagagg	540
ctatcaggct	gcagcttggg	gaagcaaaca	agggagggtg	atggttcctg	gccccacacc	600
atcattctgg	tgtcagccct	gagagggtgc	ctgtcacagc	aggttccagg	actgctgcct	660
cctgaggatg	gagaaactgt	ggcaccctgg	gggccactaa	gggaggccag	ctgattgcag	720
ccacgtgtac	cttccctctt	tcgtctctgt	gtttttgtaga	tgaccgcacc	tcgagcagga	780
gtggggatgc	cacgtctgcc	cccagcgccc	ggccctctgt	ccaccacggt	cattcccggg	840
gccgccccga	ccctgtccgt	gcccacacca	gatggcgccc	tcggaaccgc	ccggagaaac	900
cagggtgtgt	ttggcctccg	agtcaccccc	accgcctgct	gtgggcacag	cactcagccg	960
cgagggggac	agcgggtggg	cagcaagact	gcttcccttg	cggcttcaga	ccctgttcgc	1020

tcctaggttc	ctgtgggtcca	cgcgccgtct	ccacacccac	ttcctatact	tgagttgatg	1080
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cctgatgaaa	agatatgtta	aaaaaaatta	tcggaaaagg	tttcatttgc	aattggcttg	1200
tgcattgata	atctttatct	actgttttaa	gttgagagag	tgtgaatggt	ttacaaatct	1260
gaagctgaag	ttcaatcttt	ggttttctgt	tgtaaatgcc	ttttacaaac	attgaattag	1320
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tgccggttcc	ctgggctcat	ccaggggctg	agagacggcg	ggacgctggg	gcagggcaca	1440
ctggcggagc	tgcttgctca	gtagggaatg	tcagttgttg	cgctgggcca	tgagaaatcc	1500
gccagaaaac	gttaggtgag	cagacatgcc	ccccatgcc	gtgggctgct	gtgagtgagg	1560
ataaagtgtg	tgttgggcat	agaaaccctg	gctgcccgcc	cacctgtggg	agacaagtgc	1620
agctcct						1627

<210> 6222

<211> 859

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (148)...(794)

<223> similar to gi4929242 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6222

gtcgactgac	gtctgacaga	gcgtccaccc	gtcttcgaca	ggactctatg	gttcttaacgc	60
gcgcagacag	accgcctata	taagccatgc	gcaggcggag	gagcgccctc	ttcccttcgg	120
tgtgccactg	aagatcctgg	tgtegccatg	ggcgcgcgcc	ccgcccgttg	ttaccgggtat	180
tgtaagaaca	agccgtaccc	aaagtctcgc	ttctgcccag	gtgtccctga	tgccaagatt	240
cgcatttttg	acctggggcg	gaaaaaggca	aaagtggatg	agtttccgct	ttgtggccac	300
atggtgtcag	atgaatatga	gcagctgtcc	tctgaagccc	tggaggctgc	ccgaatttgt	360
gccataaagt	acatggtaaa	aagttgtggc	aaagatggct	tccatatccg	ggtgcggctc	420
cacccttcc	acgtcatccg	catcaacaag	atgttgtcct	gtgctggggc	tgacaggctc	480
caaacaggca	tgcgaggtgc	ctttggaaag	ccccagggca	ctgtggccag	ggttcacatt	540
ggccaagtta	tcatgtccat	ccgcaccaag	ctgcagaaca	aggagcatgt	gattgaggcc	600
ctgcgcaggg	ccaagttcaa	gtttcctggg	ccgcccagaa	gatccacatc	ttcaaagaag	660
tggggcttca	ccaagttcaa	tgctgatgaa	tttgaagaca	tgggtggctga	aaagcggctc	720
atcccagatg	gctgtggggg	caagtacatc	cccaatcgtg	gccctctgga	caagtggcgg	780
gccttgcact	catgagggct	tccaatgtgc	tgcccaccct	cttaatactc	accaataaat	840
tctacttctc	gtccaccta					859

<210> 6223

<211> 4075

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (82)...(3172)
 <223> similar to gil926311 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6223

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agcgacgggg	cttgggtgac	catggagagc	gcgctcaccg	cccgtgaccg	ggtgggggtg	120
caggatttcg	tgctgctgga	gaacttcacc	agcgaggccg	ccttcacoga	gaacctgcgg	180
cggcgatttc	gggagaatct	catctacacc	tacattggcc	ccgtcctggt	ctctgtcaat	240
ccctaccggg	acctgcagat	ctacagccgg	cagcatatgg	agcgttaccg	tggcgctcagc	300
ttctatgaag	agccccctca	cctgcttgcc	gtggcggaaca	ctgtgtaccg	agcactgcgc	360
acggagcgtc	gggaccaggc	tgtgatgac	tctgtggaga	gcggggcagg	caagaccgac	420
gccaccaaga	ggctgctgca	gctctatgca	gagacctgcc	cagcccccca	acgcggaggt	480
gccgtgcggg	accggctgct	acagagcaac	ccggtgctgg	aggccttttg	aaatgccaag	540
accctccgga	acgataaact	cagcaggttc	gggaagtaca	tggatgtgca	gtttgacttc	600
aagggtgccc	ccgtgggtgg	ccacatcctc	agttacctcc	tggaaaagtc	acgagtgggtg	660
caccagaatc	atggggagcg	gaacttcac	atcttctacc	agctgctgga	ggggggcgag	720
gaagaaactc	ttcgaggct	gggcttgga	cggaaacccc	agagctacct	gtacctggtg	780
aaggggcagt	gtgccaaagt	ctcctccatc	aacgacaaga	gtgactggaa	ggtcgtcagg	840
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ctgcgagaag	ccctgacaca	caggaagatc	atcgccaagg	gggaggagct	cctgagcccg	1080
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cccagctggc	ggagcaccac	ggttctcggg	ctcctggata	tttatggctt	tgaagtgttt	1260
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acgaagcttt	cctgcaaaag	tacaagtcac	tgtgccacga	gacgtggccc	acgtgggcag	2040
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ctgtcagcag	cctgagcgac	agtctttttg	tgcttcatgt	acagcgtgcg	gacaataagc	2940
aaaagggaga	tgtggtgctg	cagagtgacc	acgtgattga	gacgctgacc	aagacagccc	3000
tcagtgccaa	ccgcgtgaac	agcatcaaca	tcaaccaggg	cagcatcacg	tttgagggg	3060
gccccggcag	ggatggcacc	attgacttca	cacccggtc	ggagctgctc	atcaccaagg	3120
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gtgttttccc	tgactccagc	agggcaagga	atgtagccga	gaggttgtgt	gggctgggct	3600
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tttaggctgg	gcatggtgcc	tcacgcctgt	aaccccagca	ctttgggagg	cggagacggg	3840
cagataacct	gaggtcagga	tttcgagacc	aacctgacct	acatggagaa	actccgcctc	3900
tagtaaaaat	acaaaattag	ccgggcatgg	tggtgcacgc	ctctaatacc	agctactcgg	3960
gaggctgagg	caggagaatc	acttgaaccc	gggaagtgg	ggttgagtg	agccaagagt	4020
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<210> 6224

<211> 1199

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1187)...(252)

<223> similar to gi4680695 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6224

tttttttttt	ttccttgatt	caaaaatata	atttatttta	aaaacaaaaa	gagggaatgg	60
atgcagaagc	ccgtctgggc	tttcctggga	gtcgcctt	cccaatggcg	atggccgctc	120
cctgtggcct	cagcttcctc	cgtggaatga	aggggtccag	gtgacacctt	cctcgaagg	180
tgggcgtggg	cctgaggctc	ccaagtcggc	caggggctcg	gcctggctca	gaagaggtgc	240
ttcacatcaa	cagtggtagc	gggtggccgc	tgggccctgg	gtagcgtggg	gtaggggtcg	300
ggggaagtgc	ctgtagggca	ggctgaagg	gtagaggggt	ctgtaacgtg	agtccctgcca	360
gagcagcttg	tcctccagga	aggcgacggt	gggcagcgtc	aggaccagcg	tctggtgctt	420
gagcatgctg	tgcacattta	ggccaacagc	cgggatcaag	ttgaaggctt	taagcctaga	480
ggtggcctcc	acgatgctct	gtggcatctc	ctcgtgtgtt	aagtccacga	ggagtacgga	540
gtccccccag	cggcggtagt	gcgccagctc	tgtcaggtac	tgtgggtctc	cgggtgggcag	600
ctctagggag	tccatgatgt	gcaggtcgct	ctgggccagc	ttgacgggtc	gtgccacttt	660
gagaccagc	gcccgcacct	tcatgggcag	catgtagtag	taacttgttg	ggccccgggg	720
gccatgggca	acacctcctc	ctcgccagag	cggagagcgg	atgctgccat	gccggggccc	780
cccagtgcct	ttctgcgggc	aaggcttccg	gccaccgccc	cgcacctcgg	ctctcgtctt	840
ggtcttgcca	tagctaattc	tcttgaagtt	cttctgccac	atagcaacct	ggtgcagtat	900
gtccagcctg	ggcgcggtgg	cgaaaacatc	ggggtgcagg	tcggccaggc	ccacgcgctc	960
ctgctcgaag	ccccgcaagg	actcgaccca	ggcctgcact	gggcgtcgat	gagtgggtac	1020


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cgggagctcg actttgcgca gcacgggctc cgggagaccc tcgctcgcca cctgctccgg 1080
gttctcggtc gcacgcgctg cctcttcgcg cagggaaactc aggccctggc tgccggtagg 1140
ccgaagccag gccgcgcgcc cgggccggac gaactgcagc atcgccgcgg acgcgtggg 1199

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<210> 6225
<211> 676
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (52)...(510)
<223> similar to gi4929735 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 6225
atccgggctc tgaccatgat ttggcgccgc gcggcgctgg cggggacgcg gctggtttgg 60
agcaggagcg gctcggcagg ctggcttgac agggcgcgcg gagctgcggg agctgcggca 120
gctgcggcct ctgggatgga gagcaatata tcatcatctt tggagaattt agcgacggcg 180
cctgtgaacc agatccaaga aacaatttct gataattgtg tggtgatttt ctcaaaaaca 240
tctgtttctt actgtacaat ggcaaaaaag cttttccatg acatgaatgt taactataaa 300
gtggtggaac tggacctgct tgaatatgga aaccagttcc aagatgctct ttacaaaatg 360
actggtgaaa gaactgttcc aagaatatct gtcaatggta cttttatttg aggtgcaact 420
gacactcata ggcttcacaa agaaggaaaa ttgctcccac tagttcatca gtgttattta 480
aaaaaaaaagt aaaaggaaa aatttcagtg atgtttatac taataagttt gctagtacag 540
tgtcagttat ttaaagtggg aatgcccgat aatgtctttt aaatgttttg agggatgttt 600
taaaatacat gcattgtctt cacgaagaag atgtaaaaat aatgaacaat aaattgcggt 660
ggaaacctct tcttaa 676

```

```

<210> 6226
<211> 1826
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1827)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (361)...(1359)
<223> similar to gi1079682 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6226
gaattcggca cgaggcaggt cgggcgggtac gacaggtcag agctgcggcc tgagcagcca      60
gcgtccggca tgaaggctct gggctctggct gctgcctgct tcttgctcca gcaccatgga      120
atgcctgcgc agtttaccct gcctcctgcc ccgcgcgatg agacttcccc ggcggacgct      180
gtgtgccctg gccttggaag tgaacctctgt gggctcctccc gttgctgcct gcggccgccc      240
agccaacctg attggaagga gccgagcggc gcagctttgc gggcccgacc ggctccgcgt      300
ggcaggtgaa gtgcaccggt ttagaacctc tgacgtctct caagccactt tagccagtgt      360
agccccagta tttactgtga caaaatttga caaacaggga aacgttactt cttttgaaag      420
gaagaaaact gaattatacc aagagttagg tcttcaagcc agagatttga gatttcagca      480
tgtaatgagt atcacagtca gaaacaatag gattatcatg agaatggagt atttgaaagc      540
tgtgataact ccagagtgtc ttctgatatt agattatcgt aatttaaact taaagcaatg      600
gctgttccgg gaactccctt cacagttgtc tggagagggg caactcgtta catacccttt      660
accttttgag tttagagcta tagaagcact cctgcaatat tggatcaaca cccttcaggg      720
gaaacttagc attttgcagc cactgatcct tgagaccttg gatgcttttg gggaccccaa      780
acattcttct gtagacagaa gcaaactgca cattttacta cagaatggca aaagtctatc      840
agagttagaa acagatatta aaattttcaa agagtcaatt ttggagatct tggatgagga      900
agagttgcta gaagagctct gtgtatcaaa atggagtgac ccacaagtct ttgaaaagag      960
cagtgtctggg attgaccatg cagaagagat ggagttgctg ttggaaaact actaccgatt     1020
ggctgacgat ctctccaatg cagctcgtga gcttaggggt ctgattgatg attcacaag      1080
tattattttc attaatctgg acagccaccg aaacgtgatg atgaggttga atctacagct     1140
gaccatggga accttctctc ttctgctctt tggactaatg ggagttgctt ttggaatgaa     1200
tttgaatct tcccttgaag aggaccatag aatttttttg ctgattacag gaattatggt     1260
catgggaagt ggctcatct ggagggcctt gctttcattc cttggacgac agctagaagc     1320
tccattgcct cctatggtat gaaggatatg gttcacggcg gtattgtgga agggttatga     1380
tcatgggccc taaagtcaga gcgcctggga ttaagttgtc acaggcacta tggcccttgc     1440
gagttgcttt ctcaaacttc cttcagtttc cctatctgtc agttaagtcg gtattacctg     1500
cttcataggg ttatgggaag aattaaacaa tatgtgtaaa gcacttacta gcccactgcc     1560
taaccaata agttagaaat ataatttgtg tagaactctg acaacatata tttaaacaga     1620
tgttagtaat tctggtataa ggtttgtcat aaccaaattg aaatgtagga aacatttata     1680
atgttcttaa aagatagaaa attcccctcc attttctttg tacttgaaga tggcaccact     1740
ggaataaata cttaagacac tgaaaaaaa cctcgtgcc aagctggcgta agcaggtccg     1800
agactatcag tgggatcagg nncct                                     1826

```

<210> 6227

<211> 3354

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (49)...(1852)

<223> similar to gi5360093 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 6227
ataccgggat cgaccacac gtccgggcgg gagtggcggt gcgcagggat ggcacaaaag      60
aaatatcttc aagcaaaatt gaccagttt ttaagggaag acaggattca actttgaaa      120
cctccatata cagatgaaaa taaaaaagtt ggtttggcat taaaggacct tgctaagcag      180

```

tactctgaca	gactagaatg	ctgtgaaaat	gaagtagaaa	aggtaataga	agaaatacgt	240
tgcaaggcaa	ttgagcgtgg	aacaggaaat	gacaattata	gaacaacggg	aattgctaca	300
atcgagggtg	ttttaccacc	aagactaaaa	aaagatagga	aaaacttggt	ggagacccga	360
ttgcacatca	ctggcagaga	actgaggtcc	aaaatagctg	aaacctttgg	acttcaagaa	420
aattatatca	aaattgtcat	aaataagaag	caactacaac	tagggaaaac	ccttgaagaa	480
caaggcgtgg	ctcacaatgt	gaaagcgatg	gtgcttgaac	taaaacaatc	tgaagaggac	540
gcgaggaaaa	acttccagtt	agaggaagag	gagcaaaatg	aggccaaact	caaagaaaaa	600
caaattcaga	ggaccaagag	aggactagaa	atactggcaa	agagagcagc	agagacagtg	660
gtggatccag	aaatgacacc	gtacttagac	atagctaacc	agacaggcag	atcaatcaga	720
attcccccat	cagaaagaaa	agcccttatg	ttagctatgg	gatatcatga	gaagggcaga	780
gctttcctga	aaagaaaaga	atatggaata	gccttgccat	gtctgttgga	cgctgacaaa	840
tattttctgtg	agtgttgag	agagctgctg	gacacagtgg	ataactatgc	cgctcctccag	900
ctggatatag	tgtggtgtta	cttccgcctg	gaacagctgg	aatgccttga	tgatgcagaa	960
aaaaaattaa	acttggccca	gaaatgcttt	aaaaattggt	acggagaaaa	tcatcagaga	1020
ctggtccaca	taaaaggaaa	ttgtgggaaa	gagaaggtag	tgttttctaag	actctactta	1080
cttcaaggga	tccgaaacta	tcacagtggg	aatgatgtag	aggcttatga	gtatcttaac	1140
aaggcacgtc	agctctttta	agagctatat	attgatccat	caaaagtggg	caatttggtg	1200
cagttggggg	ttactgccca	ggaagcccg	cttggcctga	gggcgtgtga	tgggaacgtg	1260
gatcatgcgg	ccactcatat	taccaaccgc	agagaggaac	tggcccaaat	aagggaaggag	1320
gaaaaagaga	agaaaagacg	ccgcctcgag	aacatcaggt	ttctgaaagg	gatgggctac	1380
tccacgcacg	cgcccagca	gattctgctc	agcaatcctc	agatgtgggtg	gttaaatgat	1440
tccaatcctg	aaaccgacaa	ccgtcaagaa	agtccttccc	aggaaaacat	tgaccgattg	1500
gtgtacatgg	gttttgatgc	actcgtggcc	gaagctgcgc	tgagagtgtt	cagaggcaac	1560
gtccagctgg	ccgccagac	ccttgctcac	aacggaggaa	gcctgcctcc	cgagctgccg	1620
ctgtcgccag	aagactcttt	gtccccgcca	gccacgtccc	cttctgactc	cgcaggaacc	1680
tctagtgcct	caacagacga	agacatggag	acagaggccg	tcaatgagat	actggaagac	1740
attccagagc	atgaggaaga	ctatcttgac	tcaactctgg	aagatgaaga	aattattatt	1800
gcagagtacc	tatcctatgt	agaaaatagg	aagtcagcga	caaagaaaaa	ctaaataatg	1860
aacagaaata	gcgctaattt	tctgcttata	aatgctatca	ttatgaaaag	gctaattgcag	1920
ctctttctgt	tcttactttt	tatctgaatt	acaagtcctc	tttgggtgta	ggaggggggtg	1980
ggcaggggac	aagtccagga	gggggtccag	ggccttcatg	cgtgggtctcg	gggaagaagc	2040
ttcctctggc	ctggcgagag	ccgttccatc	tgcctcccag	gtctgcgtcc	ctaaccctt	2100
ccccagcttg	gtgttttacc	ccgaaacagg	aaggaaacagg	ggctcctgtaa	aacaggggtc	2160
ctgggggaagg	tgtccagggc	agggctcctg	gaagggtgtc	ccgaccgctt	cctctccagc	2220
tgtggctcca	tctgccagc	ttgcctgcct	cctgcaccca	ctgccctgac	cttctctgctt	2280
cccacgtgc	catctctgcc	aggggtgccac	atgggttcc	gtgccaccct	ttccccgcc	2340
ctcaaategt	cctttaagtc	ttccttccaa	gtgctgtggg	gcataacgat	gaggcgctgg	2400
ccttgggggc	cacaccaggt	cgcagcaaat	ggcttcagcc	tgggacgcca	gtgttttatg	2460
ctcttagttc	agtaaaatc	gccccgaaa	ttcaagattg	agtgtcaggc	tttatatata	2520
ttcagcattc	ctcattacag	aaatcttcta	ttgaatggga	aaggtttaaa	tgctaaccaa	2580
agcaatttat	ttttaattaa	tattttttaga	ctctgtgctg	tcatactgaa	ctcactgcta	2640
gctaagagac	ctatcagaga	tttagatata	ttttctccag	gttttttgtg	ggttttcttt	2700
gttgttgttg	ttgttctagc	catgtgacag	aggctctttc	taaaagtatg	tagttcgctg	2760
tgtgtcggct	ccagcagtaa	ccgtcctcac	tgcgccacgc	actcctctgt	agatgtgtgc	2820
ccagtgggag	ttccttccag	ccccaggacc	gcagcagcag	ccaggtgccg	agtggattga	2880
gtgccaggtg	catccaagac	tttccctccc	ttccagaagg	cactgactga	agacaggatg	2940
gatcatgcgg	agccggctga	aatgctccaa	ctttttcaaa	gtgtgggtgg	tccagtttgg	3000
actgatggga	atcttcttgt	cattcttttt	aaacggatga	taccgatgga	aataaaaagg	3060
gggaaatata	ttcaaaaaaa	aaaaaaagg	gggccctttt	aaaagaaccc	ttggggggcc	3120
caaatttacc	cggggttggc	aaggtaaaat	ttttttcctt	atggggggcc	tttttaaac	3180
ctccttggga	tttttgaaa	ggaacctttt	ttttgggggg	gggacttatt	ggcccccccc	3240
ccctccaaaa	tttaagcct	ttagggaaaa	aaaaaatttt	taaggggaaa	aggggggaaa	3300
ccaaccccaa	ttccctggct	gttaaaaaat	tttctttccg	gagtagaatt	aaga	3354

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<210> 6228
<211> 933
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (77)...(747)
<223> similar to gi5138924 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6228
cgtcggaact cggccgcggg acatccacgg ggcgcgagtg acacgcggga gggagagcag      60
tggtctgctg gagccgatgc caaaaacccat gcatttctta ttcagattca ttgttttctt    120
ttatctgtgg ggccttttta ctgctcagag acaaaagaaa gaggagagca ccgaagaagt    180
gaaaatagaa gttttgcatc gtccagaaaa ctgctctaag acaagcaaga agggagacct    240
actaaatgcc cattatgacg gctacctggc taaagacggc tcgaaattct actgcagccg    300
gacacaaaat gaaggccacc ccaaatggtt tgttcttggg gttgggcaag tcataaaaagg    360
cctagacatt gctatgacag atatgtgccc tggagaaaag cgaaaagtag ttataccccc    420
ttcatttgca tacggaaagg aaggctatgc agaaggcaag attccaccgg atgctacatt    480
gatttttgag attgaacttt atgctgtgac caaaggacca cgaaagcatt gagacattta    540
aacaaataga catggacaat gacaggcagc tctctaaagc cgagataaac ctctccttgc    600
aaaggggaatt tgaaaaagat gagaagccac gtgacaagtc atatcaggat gcagtttttag    660
aagatatatt taagaagaat gaccatgatg gtgatggctt catttctccc aaggaatata    720
atgtatacca acacgatgaa ctatagcata tttgtatttc tacttttttt ttctagctat    780
ttactcgtac tttatgtata aaacaaagtc acttttctcc aagttgtatt tgctattttt    840
cccctatgag aagatatatt gatctcccca atacattgat tttggtataa taaatgtgag    900
gctgttttgc aaacttaaaa aaaagtcgac gcg                                     933

```

```

<210> 6229
<211> 1083
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (110)...(610)
<223> similar to gi4200249 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 6229
ggcgggaccg gacttccggc tgggtctgtgg ggtttcgggt tcgggggtttc ctggtgggcg      60
tcaggggagc gcaacagagt ggccggccgt acggccctgg aacggggcca tggagaagct    120
gcggcgagtc ctgagcggcc aggacgacga ggagcagggc ctgactgcgc aggattcaca    180
gattaatctc ttgaggtcct ggatgcctca tcccttagtt tcaacaccag attgaaatgg    240
tttgccatct gcttcgtatg tggcgttttc ttttctattc ttggaactgg attgctgtgg    300

```

cttccggg	gcataaagct	ttttgcagtg	ttttataccc	tgggcaatct	tgctgcgtta	360
gccagtacat	gctttttaat	gggacctgtg	aagcaactga	agaaaatggt	tgaagcaaca	420
agattgcttg	caacaattgt	tatgcttttg	tgtttcatat	ttacctgtg	tgctgctctt	480
tggtggcata	agaagggaact	ggctgtgtta	ttctgcatat	tgcaagtctt	gtcaatgacc	540
tggtatagcc	tgtcatacat	cccatatgca	agggatgcag	ttattaaatg	ctgttcttct	600
ctcctaagtt	gaaaatcaga	aacttgtgga	aaagagcact	tgaatgttgg	tactctatgt	660
ttggtgaagt	ttgcttttcc	ccataaaaaca	ctccaggaac	aactgacgtg	acagttgaag	720
accgttttgt	actaagtctc	attttgtata	ctggtaaaaa	ctacatgctt	gattaaacca	780
ttaaatgctt	gtaacttta	attcattatg	tgtcattaat	atacttttcc	aaagataaga	840
tttttaaatca	ctgccagttg	taaattat	ttagccaatt	tttaaattctt	ttcaaagcag	900
ctttgaaatg	tgaatattta	aaggtagacc	tgctgtgcaa	gataattaaa	cttttttgct	960
tttaaaaaaa	gtctgcattt	ttaagatttt	ttttacttta	aatgtgaaac	ttattttaag	1020
ctaaaaattg	cttattatat	gtaataaaaa	taatataata	atctttacaa	ttttgaaata	1080
aac						1083

<210> 6230

<211> 1981

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1982)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (7)...(1567)

<223> similar to gi3451240 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6230

acagagatgg	cactgatgca	ggaactgtat	agcacaccag	cctccaggct	ggactccttc	60
gtggctcagt	ggctgcagcc	ccaccgggag	tggaaggaag	aggtgctaga	cgctgtgcgg	120
accgtggagg	agtttctgag	gcaggagcat	ttccagggga	agcgtgggct	ggaccaggat	180
gtgcgggtgc	tgaaggtagt	caagggtggc	tccttcggga	atggcacggt	tctcaggagc	240
accagagagg	tggagctggg	ggcgtttctg	agctgtttcc	acagcttcca	ggaggcagcc	300
aagcatcaca	aagatgttct	gaggctgata	tggaaaacca	tgtggcaaag	ccaggacctg	360
ctggacctcg	ggctcgagga	cctgaggatg	gagcagagag	tccccgatgc	tctcgtcttc	420
accatccaga	ccaggggggac	tgccggagccc	atcacgggtca	ccattgtgcc	tgccctacaga	480
gccctggggc	cttctcttcc	caactcccag	ccacccctcg	aggtctatgt	gagcctgata	540
aaggcctgcg	gtggctcctg	aaatttctgc	ccatccttca	gcgagctgca	gagaaatttc	600
gtgaaacatc	ggccaactaa	gctgaagagc	ctcctgcgcc	tggtgaaaca	ctggtaccag	660
cagtatgtga	aagccagggtc	ccccagagcc	aatctgcccc	ctctctatgc	tcttgaactt	720
ctaaccatct	atgcctggga	aatgggtact	gaagaagacg	agaatttcat	gttggaacgaa	780
ggcttcacca	ctgtgatgga	cctgctcctg	gagtatgaag	tcatctgtat	ctactggacc	840
aagtactaca	cactccacaa	tgcaatcatt	gaggattgtg	tcagaaaaca	gctcaaaaaa	900
gagaggccca	tcatcctgga	tccggccgac	cccaccctca	acgtggcaga	agggtagaca	960
tgggacatcg	ttgctcagag	ggcctcccag	tgctgaaac	aggactgttg	ctatgacaac	1020
agggagaacc	ccatctccag	ctggaacgtg	aagagggcac	gagacatcca	cttgacagtg	1080

gagcagaggg	gttaccaga	tttcaacctc	atcgtgaacc	cttatgagcc	cataaggaag	1140
gttaaagaga	aaatccggag	gaccaggggc	tactctggcc	tgcagcgtct	gtccttccag	1200
gttcttgga	gtgagaggca	gcttctcagc	agcaggtgct	ccttagccaa	atatgggac	1260
tttcccaca	ctcacatcta	tctgctggag	accatccctt	ccgaagatcc	aggtcttcgt	1320
gaagaatcct	gatggtggga	agctacgcct	atgccattca	accccccaaca	gcttcatcct	1380
gggtctgaag	cagcagattg	aagacccanc	aggggcttcc	taaaaaggca	gcagcagctg	1440
gaattcccaa	ggccaaagtc	ctgcaaggac	tgggtgggg	ctggggattt	tatggcatcc	1500
aagacaagt	acactctcaa	tctctcggga	agaagaaagg	agaggctctg	tttccagcca	1560
gttagttttc	tctgggagac	ttcttctgta	catttctgcc	atgtactcca	gaactcatcc	1620
tgtcaatcac	tctgtcccat	tgtctactgg	gaaggctcca	ggtcttcacc	agttttacaa	1680
tgagttatcc	caggccagac	gtggtggctc	acacctgtaa	tcccagaact	ttgggaggcc	1740
gaggtgggag	gagcgttga	gccgaggagt	tcaagaccag	cctgggtatc	acagggagac	1800
cccgtctcta	caaaaataaaa	aaataattca	ctgggtgtgg	ttgtgcacat	ttgtggtctc	1860
aggcactcgg	gaggctgagg	cagaagaatc	gcttgagccc	aggaggctga	ggctgcagtg	1920
agctgtgac	acaccgctac	tctcctgccc	aggccacaga	gcatgaccct	gtgtctaaaa	1980
a						1981

<210> 6231

<211> 1390

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (109)...(1101)

<223> similar to gil78067 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6231

acttcccagg	ggctatataa	cccttcagct	ttcagcttcc	ctgaacacca	cccagtgtgg	60
agcagcccag	ccaagcactg	tcaggaatcc	tgtgaagcag	ctccagctat	gtgtgaagaa	120
gaggacagca	ctgccctggg	gtgtgacaat	ggctctgggc	tctgtaaggc	cggctttgct	180
ggggacgatg	ctcccaggc	tgttttccca	tccattgtgg	gacgtcccag	acatcagggg	240
gtgatggtgg	gaatgggaca	aaaagacagc	catgtgggtg	acgaagcaca	gagcaaaaga	300
ggaatcctga	ccctgaagta	cccgatagaa	cattggcatca	tcaccaactg	ggacgacatg	360
gaaaagatct	ggcaccactc	tttctacaat	gagcttcgtg	ttgcccctga	agagcatccc	420
accctgctca	cggaggcacc	cctgaacccc	aaggccaacc	gggagaaaat	gactcaaatt	480
atgtttgaga	ctttcaatgt	cccagccatg	tatgtggcta	tccaggcggt	gctgtctctc	540
tatgcctctg	gacgcacaag	ctggcatcgt	gctgtactct	ggatatgggtg	tcaccacaaa	600
tgtccccatc	tatgagggtc	atgctttgcc	ccatgccatc	atgcgtctgg	atctggtctg	660
ccgagatctc	actgactacc	tcatgaagat	cctgactgag	cgtggctatt	ccttcgttac	720
tactgctgag	cgtgagattg	tccgggacat	caaggagaaa	ctgtgttatg	tagctctgga	780
ctttgaaaat	gagatggcca	ctgccgcagc	gtcatcctcc	cttgagaaga	gttacgagtt	840
gcctgatggg	caagtgatca	ccatcggaag	tgaacgtttc	cgtgcccag	agacctgtt	900
ccagccatcc	ttcatcgggg	tggagtctgc	tggcatccat	gaaaccacct	acaacagcat	960
catgaagtgt	gatattgaca	tcaggaagga	cctctatgct	aacaatgtcc	tatcaggggg	1020
caccactatg	taccctggca	ttgccgaccg	aatgcagaag	gagatcacgg	ccctagcacc	1080
cagcaccatg	aagatcaaga	tcattgcccc	tccggagcgc	aaatactctg	tctggatcgg	1140
tggctccatc	ctggcctctc	tgtccacctt	ccagcagatg	tggatcagca	aacaggaata	1200
cgatgaagcc	gggccttcca	ttgtccaccg	caaatgcttc	taaaacactt	tctgtctect	1260

ctctgtctca	tgcacacaac	tgtgaatgtc	ctgtggaatt	atgccttcag	ttcttttcca	1320
aatcattcct	agccaaaagct	ctgactcggt	acctatgtgt	tttttaataa	atctgaaata	1380
ggctactggg						1390

```

<210> 6232
<211> 2018
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1502)...(1718)
<223> similar to gill160613 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 6232						
tttttttttt	ttcatagtaa	tgtaaaacca	tttgtttaat	tctaaatcaa	atcactttca	60
caacagtga	aattagtga	tggttaagg	gtgccactgt	acatatcatc	atcttctgac	120
tggtgtcagg	acctgtcct	agtccacaag	gggtggcagg	ggagggtgga	ggctaagaac	180
acagaaaaca	cacaaaagaa	aggaaagctg	ccttggcaga	aggatgaggt	ggtagagctg	240
ccgaaggatg	gtgggaagg	ggctccctgt	tggtggcagg	ccaggagtcc	caagtcagct	300
ctcctgcctt	acttagctcc	tggtcagagg	tgagtgggga	cctacgaggt	tcaaaatcaa	360
atggcatttg	gccagcctgg	ctttactaac	aggttcccag	agtgcctctg	ttggctgagc	420
tctcctgggc	tcactccatt	tcattgaaga	gtccaaatga	ttcattttcc	taccacacaac	480
ttttcattat	tcttctggaa	acccatttct	gttgagtcca	tctgacttaa	gtcctctctc	540
cctccactag	ttggggccac	tgactgagg	gggtgcccac	caattctctc	tagagaagag	600
acactccaga	ggcccctgca	actttgcgga	tttccagaag	gtgataaaaa	gagcactctt	660
gagtgggtgc	ccaggaatgt	ttaaaatcta	tcaggcacac	tataaagctg	gtggtttctt	720
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aacactgaac	tctggtgttg	acaggtacaa	aggagaagag	atgggggacta	tgaagagggg	840
agggtctccc	tcactctcct	caagatcttt	gtttccacaa	actatgcagt	cataattgag	900
aaaaagcaat	agatggggct	tcctaccatt	tggtgttat	tgctgggggt	agccaggagc	960
agtgtggatg	gcaaagtagg	agagaggccc	agaggaaagc	ccatctccct	ccagctttgg	1020
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cacaggaggg	aagaccacac	aatatcattg	tgctggggct	ccccaaggcc	ctgccacctg	1260
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ggagctccaa	atcccaccaa	agtcctgact	ccaggtcttt	cctaattgcac	agtagtcagt	1620
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gttttaggga	gaaagctgat	gggaaacctg	tgagttaagc	cacatgtctc	cccaggaata	1740
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acagcccaga	gccaataaaa	gatcttttag	tctctgggtga	attcacgaag	tgaccccagc	1860
tttagctact	gcaattatga	tttttatggg	acagcaattt	cttgcatctc	tacagaggaa	1920
gaagaggggg	agtgggaggg	gaaggaaaga	gaacagagcg	gcactgggat	ttgaaagggg	1980
aacctctcta	tctgaggagc	ccccactggc	ttcagaag			2018

<210> 6233
 <211> 1583
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (97)...(1328)
 <223> similar to gil785654 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 6233
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ttgctgggtc tgcaaagtat ggctacaggg gccactttcc ctgaggaagc cattgctgac      180
ttgtcagtga atatgtataa tcgtcttaga gccactgggtg aagatgaaaa tattctcttc      240
tctccattga gtattgctct tgcaatggga atgatggaac ttggggccca aggatctacc      300
cagaaagaaa tccgccactc aatgggatat gacagcctaa aaaatgggtga agaattttct      360
ttcttgaagg agttttcaaa catggtaact gctaaagaga gccaatatgt gatgaaaatt      420
gccaatcctt tgtttggtgca aaatggattt catgtcaatg aggagttttt gcaaattgatg      480
aaaaaatatt ttaatgcagc agtaaattcat gtggacttca gtcaaaatgt agccgtggcc      540
aactacatca ataagtgggt ggagaataac acaaacaatc tgggtgaaaga tttggtatcc      600
ccaagggatt ttgatgctgc cacttatctg gccctcatta atgctgtcta tttcaagggg      660
aactggaagt cgagtttagt gcctgaaaat actagaacct tttctttcac taaagatgat      720
gaaagtgaag tccaaattcc aatgatgtat cagcaaggag aattttatta tggggaattt      780
agtgatggct ccaatgaagc tgggtggtatc taccaagtc tagaaatacc atatgaagga      840
gatgaaataa gcatgatgct ggtgctgtcc agacaggaag ttctcttgc tactctggag      900
ccattagtca aagcacagct ggttgaagaa tgggcaaact ctgtgaagaa gcaaaaagta      960
gaagtatacc tgcccaggtt cacagtggaa caggaaattg atttaaaaga tgttttgaag     1020
gctcttgaaa taactgaaat tttcatcaaa gatgcaaatt tgacaggcct ctctgataat     1080
aaggagattt ttctttccaa agcaattcac aagtccttcc tagaggttaa tgaagggct     1140
cagaagctgc tgctgtctca ggaatgattg caattagtag gatggctgtg ctgtatcctc     1200
aagttattgt cgaccatcca tttttcttct ttatcagaaa caggagaact ggtacaattc     1260
tattcatggg acgagtcatg catcctgaaa caatgaacac aagtggacat gatttcgaag     1320
aactttaagt tactttattt gaataacaag gaaaacagta actaagcaca ttatgtttgc     1380
aactggtata tatttaggat ttgtgtttta cagtatatct taagataata tttaaaatag     1440
ttccagataa aaacaatata tgtaaattat aagtaacttg tcaaggaatg ttatcagtat     1500
taagctaata gtctgtttat gtcattgtgt ttgtgtgctg ttgtttaaaa taaaagtacc     1560
tattgaacat gtgaaaaaaa aaa                                     1583

```

<210> 6234
 <211> 1788
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1510)...(594)
 <223> similar to gi36613 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6234

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aaagaagcac	atctcaggtg	aaggaacaac	tccttattgc	agtcatagcc	cagctctcct	120
gggatccggg	gaacgccctc	tctcctctcc	ctcactccct	cctgtttaac	ttgggactga	180
actggaactc	aactcttccc	ccaaacattt	taaatccaaa	aagaccagca	gggggcgccc	240
tttcctcagg	gtctggccct	gcaggcaggg	caggtgaggg	cctgaatacc	cacaccagc	300
tctggcaggc	cccctgcctt	caacttgga	cttggtccag	tgcccgggga	cccctcgtgc	360
atggagcatc	tgtgcctcta	ttttgaaacg	gcaccgtcca	acccaaaaaa	caacacagga	420
tctcgtaac	ctgcgggcag	gactaaccga	gactcagccc	tctgcaggct	gatgctgaat	480
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atcgctgcag	cacatactgg	cgggcagctg	gggagggctc	aggggatgag	aagtacgggt	660
gggccagggc	agtcttggtc	gtgatccgct	ggctggggtc	atactgcagg	agttgcatga	720
gcaggctccct	gccctctggc	tccagattgg	gcacaatctc	ttccagtcce	ttcctgggtc	780
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tgggtgtccc	cagcatacga	aagatacgaa	agagcttggt	caatctcaag	agtcaccagg	900
aaacagggct	tttcgagtca	ccatctctgc	aaagatgcaa	ccaatgctcc	agatatccac	960
agctgtggta	tagaacctgg	ttgccaaag	aatctcgggg	gcgcgatacc	acagtgtcac	1020
cacctcatgg	gtgtaggtgc	gcaggggcac	cccgaaggcg	cgagccaggc	cgaagtcagc	1080
cagcttgatg	gcacccaact	cattgatgag	caggttctgg	ggcttcaggt	ctcgggtggat	1140
gacccgatgt	gagtggcaga	aactcacccc	ctgcagcagc	tggaagaggt	agctcttgat	1200
gaggtgcagg	gggagctctg	agcctggggg	ggagtccatg	tacttcttca	ggtcctggct	1260
gaggaactca	aacaccagat	agagcttcc	ctcgttgtgc	accacgtcca	gcagtctgac	1320
gatgttgggg	tgcttcagtt	ccttgagcag	cgagatctcc	ctgatggcag	tgcttgggac	1380
cccctccatc	tccaaatcca	gtctgatctt	cttcagggcc	accagctgcc	ctgtctccct	1440
gttcttggcc	ttgtacacca	ccccataggt	gccctctccg	atcttctcta	ccttctggaa	1500
catatccatg	gccacagagc	tgcttgggaa	acagaaggca	ctgggcaatt	tgcaccccac	1560
gcccagcgct	cccgttgctc	ctccagcttc	catgtggcgc	cctgcccagc	ccagcccagc	1620
ccagactgcc	cagctcccaa	ggccctcggc	ctagccaccc	caaccccagc	tcactctgcc	1680
tgggaacctg	gctgggggtc	ggccaccccc	cctcaccag	cccagcccc	ccttcaaggg	1740
ggtcaggggg	cccccttaac	accagaccag	ttcagccagg	acccccag		1788

<210> 6235
 <211> 2176
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (96)...(1884)
 <223> similar to gi1854512 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 6235
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tgggtccagct ccgcgccaggg agggagggctg tcacccatgcc ggccctgctgc agctgcagtg      120
atgtttttcca gtatgagacg aacaaagtca ctccgatcca gagcatgaat tatggcacca      180
ttaagtgggtt cttccacgtg atcatctttt cctacgtttg ctttgcctctg gtgagtgaca      240
agctgtacca gcggaagag cctgtcatca gttctgtgca caccaagggtg aaggggatag      300
cagaggtgaa agaggagatc gtggagaatg gagtgaagaa gttgggtgcac agtgtctttg      360
acaccgcaga ctacaccttc ctttgcagg ggaactcttt ctctgtgatg acaaactttc      420
tcaaaacaga gggccaagag cagcggttgt gtcccagta tcccacccgc aggacgctct      480
gttcctctga ccgaggttgt aaaaagggat ggatggaccc gcagagcaaa ggaattcaga      540
ccggaagggtg tgtagtgcac gaagggaacc agaagacctg tgaagtctct gcctgggtgcc      600
ccatcgaggc agtgggaagag gccccccggc ctgctctctt gaacagtgcc gaaaacttca      660
ctgtgctcat caagaacaat atcgacttcc ccggccacaa ctacaccacg agaaacatcc      720
tgccagggtt aaacatcact tgtaccttcc acaagactca gaatccacag tgtcccattt      780
tccgactagg agacatcttc cgagaaacag gcgataattt ttcagatgtg gcaattcagg      840
gcggaataat gggcattgag atctactggg actgcaacct agaccgttgg tcccatcact      900
gccatcccaa atacagtttc cgtcgccttg acgacaagac caccaacgtg tccttgtagc      960
ctggctacaa cttcagatac gccaaagtac acaaggaaaa caatgttgag aaacggactc     1020
tgataaaaagt cttcgggatc cgttttgaca tctctggttt tggcacccga ggaaaatttg     1080
acattatcca gctgggttggt tacatcggct caaccctctc ctacttcggt ctggccgctg     1140
tgttcacgca cttcctcatc gacacttact ccagtaactg ctgtcgtctc catatttata     1200
cctgggtgcaa gtgctgtcag ccctgtgtgg tcaacgaata ctactacagg aagaagtgcg     1260
agtccattgt ggagccaaag ccgacattaa agtatgtgtc ctttgtggat gaatcccaca     1320
ttaggatggt gaaccagcag ctactaggga gaagtctgca agatgtcaag ggccaagaag     1380
tcccaagacc tgcgatggac ttcacagatt tgtccaggct gcccctggcc ctccatgaca     1440
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gatccaggga tagccccgtc tggtgccagt gtggaagctg cctcccatct caactccctg     1560
agagccacag gtgcctggag gagctgtgct gccggaaaaa gccggggggc tgcatacca     1620
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cagtggcttc aagagtcctt actgaagccc aggcaccgtg gctcacgtct gtaatcccag     1920
cgctttggga ggccgaggca ggcagatcac ctgaggtcgg gagttggaga cccgcctggc     1980
taacaaggcg aaatcctgtc tgtactaaaa atacaaaaat cagccagaca tgggtggcatg     2040
cacctgcaat ccagctact cgggaggtg aggcacaaga atcacttgaa cccgggaggc     2100
agaggttgta gtgagcccag attgtgccac tgctctccag cctgggaggc acagcaaaact     2160
gtccccaaaa aaaaaa                                2176

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<210> 6236

<211> 6321

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (8)...(5880)

<223> similar to gi2662089 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6236						
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gctgcaccac	tacttaggtc	acttcttcca	agagcacctc	agcctggacc	agctcagcct	180
cgatctgtac	aagggcagcg	ttgccctgcg	agacatccac	ctggaaatct	ggtctgtgaa	240
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ctgtgatgag	gcagtgcggg	acccaagcca	ggcgccggcg	gtggatgtgc	atcagccgcc	720
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acagctgggc	tccttgaccc	tgctcctgac	cccagggcag	ctccagcaac	ttcaggaact	960
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tgccaccaag	gatgggccct	tcgggttccc	agacttccat	caccttcgac	cacgcttcca	1500
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catctacca	tcggaggaag	gggtgaccga	gcggggagcc	tcgggcccga	agggccagg	3180
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gccccaacg	gccccagaac	tcatggcgca	cgcagggggg	cagcgggcgg	cagcaccatg	4500
tctcatgga	gattccagctg	agcaaggtaa	gcttccagca	cgaggtgtac	ccagcgagc	4560
cagccacagg	ccctgcggcc	cccagccagg	agctggaggga	gcgaccgctg	tcccgtcagg	4620
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cccacactgc	tgccttctcc	caggacggag	gcttttgagc	cctcggaccc	catcccactc	6180
agccaagtgt	ctttctgtgt	ctggggggag	gaggggatga	tatcctgtgt	gttcgatgta	6240
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caccgcaaaa	aaaaaaaaa	a				6321

<210> 6237
 <211> 3387
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (430)...(1935)
 <223> similar to gil418759 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6237

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gagcaggaag	ctgagtgaga	ggttgcagaa	aaagtgtctt	cgctcggcag	aggttacagg	180
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gaagactggc	aggaatgtgc	ctcctggccc	tcgatgtctc	ccccctgagg	ggaggcatcg	360
tgagggactg	tggcaggctt	cactgaacgc	tgagccgggg	aggccaact	ccacgtatgg	420
atccggggaa	tgagaattca	gccacagagg	ctgccgcgat	catagaccta	gatccccgact	480
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ggcgctcaga	gccgatcctg	ttgccctctc	ggctcccaga	gccggccggg	ggcccccagc	660
ccggaatcct	gggggctgta	acaggtcctc	ggaagggagg	ctcccgcggg	aatgcctggg	720
gaaatcagtc	atatgcagaa	ctcatcagcc	aggccattga	aagcgccccg	gagaagcgac	780
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ccagattgta	tcatgtgcta	gattggagtg	gggaagtgtg	tcaaatcaat	aatgaataa	3360
attcaataaa	tgcctataaa	aaaaaaa				3387

<210> 6238

<211> 4005

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (269)...(2438)

<223> similar to gi2217931 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6238

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gctgcccggg	cggggggttg	cggcgtcag	gagaggcccc	ggctccgccc	cgggcctgcc	180
cagggggaga	gcggagcggg	ccgcagccgg	gtcgggtcgg	ggccccctcc	gggaggagcg	240
tggagcggcg	gcggcggcgg	cggcagcaga	aatgatggaa	gaattgcata	gcctgggacc	300
ccacgagccc	aggaattatt	ggaggccagg	ttttactgga	ttaggtgtta	gtaagggacc	360
acttaatagt	gagtcttcca	accagagctt	gtgcagcgtc	ggatccttga	gtgataaaga	420
agtagagact	cccagaaaaa	agcagaatga	ccagcgaaat	cggaaaagaa	aagctgaacc	480
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cagtccctca	tctacgggat	ctggcaacac	agagcattcc	tgcagctccc	aaaaacagat	780
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ccaactgtga	tttgagacgg	cagatttgat	gaacagcaaa	agatgctaga	gaaatacaaa	960
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acaagagaag	atggcgtgta	gagataagag	catgcaagac	cgcttgagac	tggggcactt	1080
tactactgtc	cgacacggag	cctcatttac	tgaacagtgg	acagatgggt	atgcttttca	1140
gaatcttatc	aagcaacagg	aaaggataaa	ttcacagagg	gaagagatag	aaagacaacg	1200
gaaaatgtta	gcaaagcggg	aacctcctgc	catgggtcag	gccccctctg	caaccaatga	1260
gcagaaacag	cggaaaagca	agaccaatgg	agctgaaaat	gaaacgttaa	cgttagcaga	1320

ataccatgaa	caagaagaaa	tcttcaaact	cagattaggt	catcttaaaa	aggaggaagc	1380
agagatccag	gcagagctgg	agagactaga	aagggttaga	aatctacata	tcaggggaact	1440
aaaaaggata	cataatgaag	ataattcaca	atttaaagat	catccaacgc	taaatgacag	1500
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aaaaaagttg	ctattgcccg	ttaaaggcac	tagagttagt	gttttatccc	taaataattt	3000
caatttttaa	aaacatgcag	cttccctctc	ccctttttta	tttttgaaag	aatacatttg	3060
gtcataaaagt	gaaacccgta	ttagcaagta	cgtggcaatg	ttcattccaa	tcagatgcag	3120
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ggttgctccct	tttaatttat	ttgaagtgtc	atttttttaa	ataaagggtc	atctgtccat	3360
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taaaagattc	atcaaattgga	attttaaaaa	taatctgaaa	agaaatagat	atttcaggcc	3720
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gaggtcggga	gttcgagatc	agtctggtca	acatggtgaa	acgccatctc	tactaaaaat	3840
ataaaaatta	gcctggcgtg	gtggcgtgtg	cctctagtcc	cagctacccg	ggaggctgag	3900
gcaggagaat	ttctggaacc	caggaggcgg	aggttgcagt	gagccgagat	ggcaccactg	3960
caatccagcc	taggcaacag	aatgagactc	tgtctcagaa	aaaaa		4005

<210> 6239
 <211> 1612
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

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<222> (1)...(1613)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1586)...(981)
<223> similar to gi3850180 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 6239
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ccaggcagct gggggcccca agcaggaaac ctgtgtagaa ccagagacca aaatcctttg      180
gaggaacaag gattcatcac atgagaatta ctctcaaagt agagattctg gaggtgcccc      240
tgactctctg gagagaagaa tgaatgaatg aatgaatgaa tgaatgaaca aaagagctta      300
catttattga gcatgcttgt gctaagccct gggctggcct ttgtttcatt ggcacaacag      360
ccttgagagg ttggtccatt atcacccctc agttcaggta agtggactga ggctgagaga      420
ggtgcacggg tttgtcaggg tcacatagca catgaggaca gagccagacc aggagccctg      480
tgacatcctc ggccaggatg ctaaccctaa ggacaggac ggtcactctt cacaccgctg      540
tgaagggaga ggctattgct ctgcacccac agctcagcaa tggggaccat gaacgcctct      600
aggcagccca tgtatggggc cgctacctac ctggtaactg tccgcggctg tccatttgga      660
agagatattg atgtgtttgt tttctcctcc ccagcctgtg ggctcctgga gccaaaggac      720
cccaccta atcatcactag gcacaaaaca gctgctcaat aaatgtttac tgaatgaatg      780
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aattggttcc tcaagccagc cttccactgc cctgcatgcc ctcgcatct tcggacattt      900
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gatggagaaa aaggagaatg gcatggggcg gcccgggctt gcgtccgtcc ctctgttcag     1140
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tgaaccagag gaaagcccaa aaggctgctg ggtggggctc acccgagaca accggatgtc     1260
cggacaggac ggcttttctt gcggtccttg acgctgctga tctgcgggaa gtacacgtcc     1320
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caggcgttgg ggttgcggtt gtagatgcag aactcctccc cctcggaggc gctgttgagg     1440
tagccctcgt tcacgatgga gccgaacacc actatggaga acagctcaca tccgggcctg     1500
ctcctccagc tcaccaggc ctctgtgtcc agctgcctat ccatgaagga tcgaattcca     1560
gaatcccaaa ctctaaggtc aacatgagac caaggaggca tgccctgctgg tc              1612

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<210> 6240
<211> 3176
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (218)...(1791)
<223> similar to gil663700 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 6240

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gcccctgatt	ccaggagatg	gacatgacag	ccacacttta	cctgaagaat	ggaagtattt	180
gcccttcctt	gccttaccag	atggcgcaca	caactaccag	gaagatactg	tgttttttca	240
cttgccaccc	agaaatggaa	atggagccac	agtatttggt	atctcttgct	atcgaccaa	300
ttgaagccaa	ggcactgaaa	gtaaggcaag	cagatatcac	cagagagact	gttcagaaaa	360
gtgtctgtgt	tctaagcaag	ctgcctctgt	atggtttact	tcaagcaaaa	cttcaactca	420
ttacacatgc	atattttgaa	gagaaggatt	tttcccaa	ttctattcta	aaggagcttt	480
atgaacatat	gaatagttcc	ttgggagggt	cttcattaga	aggatcccaa	gtatatcttg	540
gtctgtcacc	tcgagatctt	gtccttcatt	ttcgacacaa	gggcttaatc	ctattttaagc	600
taattcttct	tgaaaaaaag	gttctttttt	atattttctc	agtgaataaa	ttggtgggtg	660
cactgatgac	tgtgttatcc	ctttttccag	gcatgattga	acatggtctc	agtgactgtt	720
ctcagtatag	accccggaag	agtatgtctg	aagatgggtg	gcttcaggaa	agtaacccat	780
gtgcagatga	ttttgtttct	gcattccactg	ctgatgtttc	acataccaac	ttgggaacta	840
tcaggaaagt	catggcagga	aacctgggag	aagatgctgc	catgaagact	gaggagcctt	900
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<210> 6241
 <211> 4450
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (120)...(2513)
 <223> similar to gi4929268 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6241

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agagaactcc	aaacaatgtg	gtcagcaccc	ctgcaccaag	cccggacgca	agccaactgg	360
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<210> 6242

<211> 2477

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (300)...(1807)

<223> similar to gi3930776 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6242

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gcaatctctg	ctcactgcaa	cctccgtctc	ccgagttcaa	gcagttctcc	tgccctcagcc	180
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tgtcagtggg	catgaatagc	caggggtctg	acagcaatga	agaggactat	gacccaaatt	360
gtgaggaaga	ggaagaagaa	gaagaagacg	accctgggga	catagaggac	tattacttgg	420
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<210> 6243

<211> 2143

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (603)...(1439)

<223> similar to gi5911844 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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tggaacacac tctgtgtcgc tacaacctgc ccgagagcgc cccgctcatt tataatagct 180
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aacttgcaaa taatggcact gttctcaggg caagccatgg caccaagatg atgactccag 360
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<210> 6244

<211> 1802

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (140)...(1562)

<223> similar to gi386836 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 6244
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tgagaattgc actgcaacca tgagtgagaa caataagaat tccttgagaga gcagcctacg      180
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gatttatgta gacaagggtg aacatgtctg tgagaagttt tccagtcctt atagaattga      540
gagtcacagag cttgactgtg aggaaggggtg gacacgggta aagtgtggag gaaacaaaaa      600
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cacctctgga ctggcaatag caagctaccg tctggacaac tggccaccat ctcagaacgc      720
cattgaccct ctgaggcaag ccattcggct gaatcctgac aaccagtacc ttaaagtcct      780
cctggctctg aagcttcata agatgcgtga agaaggtgaa gaggaagggtg aaggagagaa      840
gtttagttga agaagccttg gagaaagccc caggttgtaa cagatgtact tcgcagtgc      900
gcccagttt tatcgaggaa aggatgagcc agacaaagcg attgaactgc ttaaaaaggc      960
tttagaatac ataccaaaac aatgcctacc tgcattgcc aattgggtgc tgctataggg      1020
caaaagtctt ccaagtaatg aatctaagag agaatggaat gtatgggaaa agaaagttac      1080
tggaactaat aggacacgct gtggctcatc tgaagaaagc tgatgaggcc aatgataatc      1140
tcttcctgtg ctgttccatt cttgccagcc tccatgctct agcagatcag tatgaagacg      1200
cagagtatta cttccaaaag gaattcagta aagagcttac tcctgtagcg aaacaactgc      1260
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accactttat agagggtgta aaaataaacc agaaatcaag ggagaaagaa aagatgaaag      1380
acaaactgca aaaaattgcc aaaatgcgac tttctaaaaa tggagcagat tctgaggctt      1440
tgcatgtctt ggcattcctt caggagctga atgaaaaaat gcaacaagca gatgaagact      1500
ctgagagggg tttggagtct ggaagcctca tcccttcagc atcaagctgg aatggggaat      1560
gaagaataga gatgtggtgc ccactaggct actgctgaaa gggagctgaa attcctccac      1620
caagttggta ttcaaaatat gtaatgactg gtatggcaaa agattggact aagacactgg      1680
ccataccact ggacagggtt atgttaacac ctgaattgct gggctcttgag agagcccaag      1740
gagttctggg agagggacca gattgggggg taggtccacg ggcttggtga tagacatatt      1800
tc

```

```

<210> 6245
<211> 2614
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(2615)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (251)...(1039)
<223> similar to gi29604 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 6245

agcggggaact	gaaacctgat	tacgggtccga	cgggcccggga	ttcccgggtcg	acccaecgcgt	60
ccgcccacgc	gtncggaact	ctggaggaac	gctgagctga	gcagcaccga	ggacagcgcc	120
cggcagcgcc	cgcgcccagg	tctccctccg	cagccctgac	tcgcgcacac	gctgagcttt	180
tgctcactcc	ccttcgcgcg	gacacagaca	cacgcatatt	cacacaccca	gacacacacc	240
ccgctgtaca	atggcagaat	cccacctgca	gtcatccctc	atcacagcct	cacagttttt	300
cgagatctgg	ctccatttcg	acgctgacgg	aagtgggttac	ctggaaggaa	aggagctgca	360
gaacttgatc	caggagctcc	agcaggcgcg	aaagaagggt	ggattggagt	tatcacctga	420
aatgaaaact	tttgtggatc	agtatgggca	aagagatgat	ggaaaaatag	gaattgtaga	480
gttggctcac	gtattaccca	cagaagagaa	tttcctgctg	ctcttccgat	gccagcagct	540
gaagtccctg	gaggggaattc	atgaagacat	ggagaaaata	tgatactgac	cacagtggct	600
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ttcttcttaa	attccaggga	atcaaaatgt	gtgggaaaga	gttcaataag	gcttttgagc	840
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gatttcccta	aaaattccac	caggattaat	ctctaaaatt	ctagtctctg	atttgcaa	1380
gcacatttgt	cactgaataa	tggaattatg	tataacaagc	caaacattct	tatttttagac	1440
aaccatagaa	ctgtcccaca	aaatatttct	aagcttattt	ctaactatta	ggaggaatgt	1500
gcttttccat	ctaaaatact	caccaaataa	tagttaattg	tggctttatg	aagttaacag	1560
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caaagtgagt	taaaaaaaata	acatctgaaa	agaaatgcta	atgtaatcat	ttatcttata	2160
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cagaaacgag	atttgccaaa	aactaaaatt	caacaaatga	tgttgagtgg	gagattggct	2520
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aataaagaag	aaaataacct	taaaaaaaaaa	aaaa			2614

<210> 6246

<211> 5623

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (5510)...(934)
 <223> similar to gi2370149 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6246

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gactacaggc	atgagccact	gcattctggca	gcaacatata	tttcaaaaga	gtagcctggc	180
cactaggatc	tacctaccta	catttttgggt	gcaaactatt	actttgggga	catctttctt	240
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ggctcaagtg	cagtggctat	tcacaggcat	gatcatagca	cactatagcc	ttgaactcct	360
ggcctcaagt	gatcttccca	catagctgag	acaacaggta	catgccactg	tgcccagcag	420
gacatttttc	ttaatagaaa	actactatcg	tgaagaatta	tgtttatctc	ttactatgt	480
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tgtaattttc	catgtcgaag	caatgttctt	tgaccaaca	tttgataaa	tctcattctt	600
gatgctagct	atttcttggg	gtatgggttg	ctttaatcaa	cctctgcaa	actccgatct	660
tagtaattcc	aagtgaaga	accttgctag	ttgttcttac	tctgtacaga	aatatatcag	720
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ctcttcaatc	actcttaaag	acacctgggtg	cgctggagga	gcaggtggga	gcccgggtcg	5580
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<210> 6247
 <211> 1915
 <212> DNA
 <213> Homo sapiens

```

<220>
<221> misc_feature
<222> (107)...(1555)
<223> similar to gil655598 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

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<400> 6247
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cagagccctg ccgtccatac tgctggcatt gctgcttacg tccaccccag aggctctggg 180
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tcgccgacat tgattatagc ttagtggaag cccctcgggc aacagcccag atgctggagg 840
tgatgtttaa gggtgaaatc tttcatcgta accaccgttc tccagttacc ctccctgctg 900
cagtcatgag ccttcctgag gaacacaaca aaatggtcta ctttgccatc tcggattatg 960
tcttcaacac ggccagcctg gtttatcatg aggaaggata tctgaacttc tccatcacag 1020
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gaaaggtaaa agtggaaactg aaagaatcca aagttggact attcaatgca gagctgttgg 1380
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aagcaggcac tgtatttttt tattcgccat ctgatcccca tgcttagcag agtgcctggc 1860
cttagtaggt cctcaataaa tatttattaa atgatgagat gatggaaaaa aaaaa 1915

```

```

<210> 6248
<211> 1824
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1433)...(160)
<223> similar to gi5912226 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 6248
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agaggacagg ctcttgggcc ccctctgggt cctgcctcag cacatcgagt cctcaaatcc    180
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```

<210> 6249

<211> 1937

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (239)...(1877)

<223> similar to gi6018185 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6249

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<210> 6250

<211> 1049

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1050)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (831)...(132)

<223> similar to gi2633297 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6250

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cagggctgtg	ggataatccg	ttatgacgcc	agtgggtccc	acgctgaagg	ctgcttcaaa	180
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agagcaggaa	aatgggaaat	aggtcctgtt	gatgatgttg	ggcaggaagc	agaagaagaa	360
cttctcaggg	attgggatga	agggcagcag	ccccaggtag	taggaaagca	gcacccagaa	420
tcctcggctt	attgtgaagg	acaggggcat	ctcgggggtg	gcagccttgc	atctcttcat	480
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cctccagggg	gcgccagtca	cccagctagg	aagtgaatgg	cgcccttgc	tgtgatgcag	1020
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<210> 6251

<211> 1388

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (538)...(87)

<223> similar to gi4929741 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6251

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ggcctggatt	ttgagttcct	catccaggcg	ctcctttgcg	cggaccacct	ttgactgcag	180
gtagaaggag	ccacccacgg	atztatcatt	caccttaaat	aagtgttcat	agttcttctg	240
gacctctca	gggctcagct	tggacacggt	gagaatctgc	tgtgcctcct	ggaggctgag	300
gccggagagg	ttggaagcgg	ctgcagaccg	gtgtccagcg	cgccctcggg	catcagctgc	360
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<210> 6252

<211> 6491

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (194)...(4099)

<223> similar to gi3327068 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6252

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taaaaaaaaa	a					6491

<210> 6253

<211> 1366

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (187)...(793)

<223> similar to gil370222 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6253

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ccctttctca	ccacggaagt	caagtgaggg	gccgacggct	gcgcaacctg	ggctggctga	300
gttatggggc	tttgaaggga	gacgggatcc	tcacgtcgt	caacacagtg	ggtgctgcgc	360
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<210> 6254

<211> 5805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (236)...(4528)

<223> similar to gi2094873 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6254

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acagtttgcg	gttggtgaaga	aatgccgtga	gaaaagcacc	ggcctccagt	atgccgccaa	360
attcatcaag	aaaaggagga	ctaagtccag	ccggcggggt	gtgagccgcg	aggacatcga	420
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tatatattaa	tactgggtatt	tttacttaat	ctataaaatg	tcggttaaaa	agttgtttgt	5760
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<210> 6255

<211> 1962

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (16)...(1188)

<223> similar to gi6015189 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6255

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gggaccgcag	acctggaagg	ggatcatcgac	ttctcggcgg	cccacgcagc	ccgtggcaag	180
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<210> 6256
 <211> 6553
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (193)...(5956)
 <223> similar to gill107696 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<210> 6257

<211> 3349

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3090)...(1212)

<223> similar to gi6014493 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 6258

<211> 1535

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1397)...(592)

<223> similar to gi3925830 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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acatttttagg tacctatcat ttgtcattcc aagagatcct tgcgttctag actctagaat      180
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aatatagaat atttgtcagt caagataaca atcaatgtgt acaaaaattt acataacaag      300
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<210> 6259

<211> 2619

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (132)...(2237)

<223> similar to gi3002963 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 6260

<211> 1244

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (394)...(966)

<223> similar to gil531665 in the genepept database release 114,
Run with FASTX 3.3t00, default parameters

<400> 6260

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caactcaagg	agctacaccc	cttgcacgg	cttgaccgcc	ttacctcagg	ggtgcttatg	240
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gagaaggagt	acgtgtgccg	ggtggaagg	gagttcccca	ctgaggaagt	gacctgtaaa	360
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<210> 6261

<211> 5890

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (333)...(2352)

<223> similar to gi4589556 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6261

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<210> 6262

<211> 2317

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (248)...(1660)

<223> similar to gi2739460 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6262

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<210> 6263

<211> 6941

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (85)...(4217)

<223> similar to gi3043680 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6263

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<210> 6264

<211> 4554

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4312)...(1089)

<223> similar to gi3882289 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6264

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<210> 6265

<211> 4879

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (610)...(4879)

<223> similar to gi3882263 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6265

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<210> 6266

<211> 7564

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<222> (685)...(3534)

<223> similar to gi2224581 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6266

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<210> 6267
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 <212> DNA
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 <221> misc_feature
 <222> (359)...(773)
 <223> similar to gi4884094 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6267

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<210> 6268
 <211> 8872
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(8873)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (170)...(5244)
 <223> similar to gil212917 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6268

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<210> 6269

<211> 1268

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (46)...(742)

<223> similar to gi2980859 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6269

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<210> 6270

<211> 1834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (461)...(1836)

<223> similar to gi31633 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6270

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<210> 6271

<211> 6292

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(6293)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1134)...(5014)

<223> similar to gi4589564 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6271

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<210> 6272

<211> 3963

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3706)...(827)

<223> similar to gi5817157 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6272

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<210> 6273
 <211> 2358
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (46)...(1320)
 <223> similar to gi5919219 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6273

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attactgcc	tgagcttgtg	agcctcaact	tgcagtctct	ctcacgtatc	acggatgaag	720
gtgtggtgca	gatatgcagg	ggctgtcacc	ggctacaggc	tctctgcctt	tccgggttgca	780
gcaacctcac	agatgcctct	cttacagccc	tgggtttgaa	ctgtccgcga	ctgcaaattt	840
tggaggctgc	ccgatgctcc	catttgactg	acgcaggttt	tacactttta	gctcgggaatt	900
gccacgaatt	ggagaagatg	gatcttgaag	aatgcatcct	gataaccgac	agcacactca	960
tccagctctc	cattcactgt	cctaaactgc	aagccctgag	cctgtcccac	tgtgaactca	1020
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tactggagtt	ggacaactgc	ctcctcatca	ctgatgtggc	cctggaacac	ctagagaact	1140
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caccgacagc	agtggcagga	agtggacagc	gactgtgcag	gtgctgtgtc	attctctgac	1320
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cctgaccgac	tccaccatca	cccaatctgt	tgattctcca	ttgggaaagg	catttacagg	1440
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tgaacaatc	aatcaaagc	cttgtgtcag	ttaacacatg	acaagtggtc	tcaatgcagc	1560
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tctacccttg	gcatactcag	cattcctcaa	aaagaccatc	agtgttagca	caaactgagc	1680
agaaaaaata	agctgttgat	tttctacctg	atacttaagc	cagtggccta	ctttaattca	1740
caattccatt	ttgattagca	ggacttttcc	actttgaaga	taaatagcaa	ctttatcaaa	1800
gtgactgtac	tgcaaatata	ttcataatgc	ctgatagttt	tatatataga	gacttatgtg	1860
gaaggcatgt	taataggttt	ccatgagaca	ccaaagaaaa	gaggactcta	tactgggtgg	1920
agcagggtct	tcaccttttt	gtttctgtca	acttgtcata	tacacctcca	gggacaaaaa	1980
acaaaagcag	ctcggagtct	gtgttgacct	attggaaagt	agaagctctg	gtgtatgcta	2040
cagcacataa	cacattttta	ctaaaggaaa	aaagctaatt	atgtccatgc	ctctcgtaaa	2100
actgggggga	accttaagga	gaaagaacta	aggcttaagt	tatctgtagt	ataatcaatt	2160
agaagtaatg	aatggatgca	tgtaaaatgg	atgtgatttt	tttttcaagc	ttattttgaa	2220
atcttaaaaa	ttcaggttac	accatagcta	ctcaaaagtt	ttacacactt	aaaactcaga	2280
tcagtaagtg	ttggtacctt	ttagactcat	aaaattgaat	aaaccgattg	caatgcttta	2340

<210> 6274
 <211> 1837
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1838)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1015)...(710)
 <223> similar to gi2852636 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6274

tttttttttt	ttgactggac	ttcatttttt	ttaatagata	tagatataga	tttatattta	60
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aaacaacaac	caaacaacaa	taacaaaatt	caaacaggag	cagagatggg	gctgaggcat	180
aggggaggcc	cctagcgctg	ccctgaggag	gaggggggtga	gaggctgagg	cactcagtct	240
cccttctgct	tgggtgcttg	cacagtccca	ttggccagag	cagtgggggt	gcctggggat	300
gaggcatttg	gtgtctggga	ggtgcctcga	gaggtgtgtg	gggggcgcag	gtaggtgctg	360
aagagtttcc	catagagtgg	gtcatggagg	gagaagttct	ggaactgaca	gaggagagg	420
ccttggctgg	atcctgcctg	gcacagctca	gcatgcaaag	ctgtggcagc	aggggtgggt	480
gaaccacgca	gcaggtgcag	gatgggtgctg	aagccgtctt	tgtacagcag	gcggttggga	540
ccctctgctt	gctcttcagc	aaagagctca	aaggccagac	gagttagctc	ttccaggctc	600
ctgcccccat	ccagagctgc	tagtgcaagg	gccacatctc	ggaagtccac	caaacccttg	660
gtatcctgct	ggaagtagcc	aaaggcacca	gccaccgtct	gaggatcaga	gagctgtagc	720
tgcctggcaa	actcttctctg	gctgatcatt	cgactccggc	ctggctctgc	cccagcgtcc	780
acatagccag	cggacagccc	agccttcgga	agcacttttc	ccagttccca	gagctgtggt	840
tccaacgcca	ccttcagccg	gccaccaca	atcacaggta	agctccctac	aaactcacat	900
tcggtggctg	gaatgccag	agcctgtgcc	atgaccctct	gaacattggt	ggcatagagg	960
gtgggggtccc	tgetctctc	agggctgggg	tgatacacag	gaaggaactc	cacatccaca	1020
atgctgcagg	gctgagaggc	tgtgagccag	aggactttga	gtactccagg	acccctccat	1080
gcccagctgg	tgggtgtccag	actgttgggg	tagcggatga	ggacaggctg	cacaggcacc	1140
cctgcgatga	aggctcccta	aatccccatt	tctggtttga	acttaagcaa	agccttcttg	1200
ttggaacagg	tgccctcagg	aaagaatagc	acctgcggcc	acttgccctc	tgaggtggcc	1260
cgcttctgga	cctcctccac	cactctgcgt	cgagaagccg	ggcatgccc	ggataccagg	1320
atggcttggt	tgaatcgaag	aagggtctca	atgacaggaa	cggaaagggt	ctcagctcgg	1380
gacacaactt	tgggcaggtc	acagggcagc	agaacaatgg	ggtcaaagaa	agtggagtgt	1440
ggggcagcaa	caaggacagg	ggcttgaagg	cgagaggctc	gctggccacg	aacgcgaatc	1500
cggaggaagc	ccagcaggaa	aaacagcagg	cggctcaggc	ctagcaccce	gttgtggcac	1560
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ggggccagca	atgccccag	gaggcagaac	tttgccaggg	ctcaaattggc	cccattttcc	1740
tatcctcacg	ggtccttccg	acgcccgcctc	cccacacacc	tcgtgccaa	cttgccgtaa	1800
tgaggtcaaa	cagtnctcat	nntcatnccc	ccccgcg			1837

<210> 6275
 <211> 3096
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(3097)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (295)...(60)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6275

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tgaggtcagg	agtttgagac	cagcctggcc	aacatggtga	aaccacctc	tgctgaagat	120
acaaaaatta	gcctggcttg	gtggcgggca	cccgtagtcc	cagctacttg	ggaggctgag	180
gcatgagaat	tgctcgagcc	tgagaggcag	aggttgcagt	gagccaagat	tgcgccactg	240
cactccagcc	tgggtgacag	agcaagactc	catttcaaaa	aaaaaaggaa	aaagagacta	300
agagactaat	tatttggaat	ctggaagttt	aaaatccaac	ttttctcttt	ctcctttggg	360
acattagaac	agtagttcta	taacttcatt	gtaagaatca	cctggataat	tcattaaaga	420
tgagattca	gggccacgtg	ttcaattctg	atacagtagg	tcctgtaata	aggcctagga	480
atggccattt	ttaaacagta	cactaggtagg	ttttgatata	gatccaagga	ctctaattta	540
gaggaacact	aggttagagg	tttctcagac	ctgcaaacac	ctaagcacct	gggctaataa	600
aagctacaac	gaagatctgt	atgaagatat	atagttctgc	agaattttaa	aagagcacia	660
tttaagtctt	cggccctcag	aagttaaatt	catattccat	ctaagccaac	tttgattttc	720
attaagttag	aatgaactcc	tagtattcca	gtattacaca	gaacgaagta	ctactactaa	780
cacatagaag	tcattactgt	gatataaaaa	gcaaaataga	tccttaatta	aaaattagtc	840
actcatattc	agtgttgaat	aagaagttaa	agtttctagc	ataactatct	tgagtgcatt	900
aaaaatgctt	ttagagcaat	aagataagct	tctagctgac	tgcttagaaa	aacagaagat	960
acaaattcag	gttcagaaat	gaaagggaa	acactacaga	cactatagtt	attaaaaggc	1020
taactagaaa	acaccatgac	caactcaagg	attgtatatt	taacaactta	gatgaaacag	1080
attccctata	ggatacaaac	tagaaagctc	actgtagaaa	cagataacct	aaacagaacc	1140
atatttatta	aggaaattga	gtttgtgggt	aagttaaaaa	ccttccagta	aagaaaacta	1200
caggcccaga	taacttccga	gatgaatttt	accaaact	taaggggagaa	agaatatcaa	1260
ttctaacaac	tctcttccag	gaaacagaag	aggaggaaat	acttcccaac	tcattttatt	1320
tgaccagtat	taccagaca	aagatactat	aagaaaaaaa	actttaaaac	aatgtcttca	1380
tgtgctaaca	tctgtagtta	aattagccat	tctttttaca	tgaaataatg	ggaattggta	1440
tatttcttcc	atttcatttt	tctatttctt	tgctaataata	ccacctgtaa	caaattcaat	1500
ctagatgcta	tctgtccact	tgccacatt	tccattctat	tcaagccatt	tttgcctctc	1560
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ctgggaaata	tagttgctat	ctaactagaa	aaataagagg	gcattattaa	agtaactctt	1740
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ttatgatact	gtgtaaaaa	gaacaggttc	tatatatgca	aatgacattt	tcatttaatg	1860
taccaaattg	tgatatcta	ttttataata	taggttaaac	agatcctttc	taagatggca	1920

ttattttaatc	tttactttaa	actatgaaaa	atatgtgtaa	gttattgttt	ataaacagaa	1980
gagactataa	ttaaaatata	gagcagattc	caagtgacca	tcattttact	ttttagattt	2040
aaaacagaat	gaaacagaag	athtagtcat	aagaagatgc	ttgaaaaaca	atccaagtat	2100
ccaatgcagt	ggctataaaa	tattatttca	tcattttaatc	ttaatcattt	tgaaacaaag	2160
acagacttca	attttacact	gcttgcaact	tattttgtac	agacatttca	ttaattatta	2220
ctcaattttg	aggtgcaaac	cttctgaata	tagctttcat	tttggaccaa	acaatttggt	2280
atggcaataa	ataatgatgc	attgaaaaac	caatttttgt	atgtgattta	atcgcactct	2340
tacattttaag	aaatttatat	atacattctt	gaatttcaac	ttacccaaat	agaatagctt	2400
ttattttaaca	gcctaagctt	ttgttttctt	gacaaatact	gaaacttttt	ggttacatta	2460
atgctgcaaa	gttgtttatc	acctcaactt	tctcactgct	ttgctcataa	ctaagtgtga	2520
ttacatggag	agagaaagtt	ttgtaacagt	aacacatgat	ttagagttaa	aaatcatatc	2580
agaagatggg	aattatttaa	atatacctta	taaaaataag	tggtttaatc	aatgagaaaa	2640
aaaccagggg	gtttttggct	tataattaga	aaataagtat	tattcttagt	taatagttaa	2700
ttaaaaaaa	tcaacaacct	aaaaagtaaa	accaattctg	atgtgttcag	tagctgaaag	2760
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aatattttcta	acaaaaatat	tacaaagttc	taagaaacaa	ctctatcttc	tagattgagg	3000
tcagccaact	atacccttgg	cggggccaaa	tctggccccg	gctggcctct	ttttttttga	3060
ggacaggggt	cttcactctg	gtcggctcgg	gntagg			3096

<210> 6276

<211> 2930

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2840)...(613)

<223> similar to gi575654 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6276

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acacagtggg	agtggaggat	ggcttccccg	cagcctcttt	agaaagccca	ggagtctctt	180
ttatttcaga	gaagggcatt	tctatacaag	acatcattcc	attacagtgc	tcacttccaa	240
ctacaggctc	agggagacga	ctcttgatat	tcataggtat	atatttactt	taatcatatt	300
ttagaaatca	gctcttcac	actaagattt	acaataaaaa	taaaataatt	tgttctgtaa	360
actatagtag	aaagtttcaa	atgtcttaaa	aactatcttc	catacaatgg	aaaaaggctt	420
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ctggagtgat	gctggaagca	cttctttgct	acagacgggt	gctaagagaa	cagagtcact	540
ttctccccct	cagcctggaa	gtccaactct	tctcttgctt	agaatctaa	cctcgggac	600
ttccaagatg	cttaaggctg	ctctgctggt	gcttggtcct	tggcagcagc	aacaagctct	660
gcgagagctg	agaagctttt	tatgtcactt	gcttgtagtc	ccaacttttg	tatctgctct	720
cccaagtact	caacatctag	ggccaactgc	agcctgattt	tgctgctgct	gctcatgcca	780
ccactgggac	cgacgggggt	ggcgggagtg	gtttttcttg	cttggttcag	ccttttcagg	840
ctctcttcca	tcttcttcac	agagtttaac	acatctgaca	cggtttcata	gtactttatga	900
gtgctttcac	tgagagtgcc	ttctagccac	tgctgaatta	ttgcttggtt	gagcttatcc	960
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gtggttggga	cctccttatt	ggttcttcgg	taaagcctgg	gaacctccag	ggcgcttttt	1080
aggaaaccga	agcaagagtc	acttaaattcc	tggatgatct	tgctactcaa	ggaggggcaca	1140
caggctgaaa	aagagctctg	ggagtcctcc	agggctgctg	agatagaaga	aaaattctta	1200
aagccaatca	tttcaagttt	tggcttgatt	atttccaaga	gttctggaag	ctgctcctga	1260
agcttggtcca	ggtctgcaac	cacatacacg	agctgagtg	gggaaatgga	aaccacaggc	1320
tttgtttccg	aaggaccact	tccttggtct	tcagtgtttc	cttgggtgat	ggaaggttct	1380
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agtgaaagct	ccattggaca	aacacagagt	atcgtgccca	aaatctgcc	gagtgaagtc	1500
tccacaggcg	atgcaccagt	aatggcaaga	acatctcatc	tgaccaacac	ctcctaaggc	1560
tgctccaagt	tctatgagaa	gccaaaaggc	aatacggact	ttcagctggg	gcattctcca	1620
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aaacaggcaa	gttccacttc	ttattgaagc	tgtgataggc	aggatgggct	cttaattctct	1740
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ctaattccttg	tactatttgt	ggccaaacag	aattcaccaa	aaagtcatat	ccaggaacag	1920
tattgccttt	ttcactggag	atggcacctc	ctgtgacttc	tcgaagaagg	cggcaatggt	1980
gaggaacaaa	ctccaggagt	ttattataca	tgacctgaag	gccattggga	tgagattcaa	2040
caaactgctc	tataatcacc	tcgtctatgt	atggtttcac	tagtacttgg	ccaactaagg	2100
cctccgcgtc	ccgtgtcttg	tcaatcgtgg	cgtaagtccg	caagcagtgc	cgtattatat	2160
cgacgtcaga	cgtctgaagg	ccttctaata	ggagaccttc	cagtgactgc	tgtaacatgg	2220
ctgtaatgcc	agctatacgc	ggtcttactt	tgtccaaaag	aggcatgcct	tttgctttga	2280
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ttttcaattt	tctcaactga	ccgaataact	tgtataagcc	tcaatacaca	catctttttt	2460
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gttgatgagt	tcgacctagg	ctgttttaag	aagtttatag	tagagctcca	ggtcatctct	2700
cagttcttcc	agctggaccc	gcttctctaca	gtcagacaca	aaatgatcga	catcgaaatc	2760
ttccttcatg	aactcgtcct	tgtcgaagca	gagcgtgtcc	ggcccccttg	gcaggttcat	2820
cctacttttc	tccatcccg	cggccaccgc	ctctcagtgc	caagatccca	gcgagaaaac	2880
gcaggaggat	gcgcagaccg	actcggcggc	cgcggccacc	gccagtttcc		2930

<210> 6277

<211> 696

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (669)...(170)

<223> similar to gi4929725 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6277

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ggataccaat	tatgccaggt	tgaggggtac	aaaggcccag	gttccaggag	ccgggctgac	180
aggcactgaa	ttcacaacct	ccaagagggtg	gggtgttctt	ccaagggcag	ttgccaccc	240
cgcttcttta	atctgcaagt	tgcttgttca	ctgcatgctc	tgaggcatgg	gtccccggag	300

taatgtgcac	gtccatcttg	aaacgctgag	gaagggagcg	cagaagcttg	accttgatgg	360
acagaccaat	aaggggtggc	atgctgcagt	gcggaatgg	tgggtgtgaaa	gccacagcca	420
ctgtactctc	gggggtcgcta	acctgaaccc	gcacctgctc	tactacgttc	aactcctcta	480
gcgtcagtgg	atgctccggg	tcattgatgg	agcgaatcag	atcgaagatc	tcgcgtgcgt	540
cgatgctgtc	gggaacctgc	tcgtcctcct	cgctgcccgt	cacaggccgc	tccccagagc	600
gctggtagat	gaggggggtg	gcattctcca	ggaggccgcc	gccgaccccg	ccgccgccta	660
ccatcgcgga	accaccaccg	ctgacccctag	caggcg			696

<210> 6278

<211> 2374

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2138)...(755)

<223> similar to gi3133134 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6278

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gcaaccacgt	ccttcccctg	ctcccagggt	gagtaggggc	ctcacgactg	cctcgatata	180
cactgtcttg	gagcagcctg	gctaccccga	gatcccagg	gacctcaagg	ctgcctgcac	240
ttcagcgcca	gcatgtatcc	tggcctgaga	accccaaagc	accttaagcg	tccccctca	300
aagacaactg	tgcacccagt	cctcagggtg	gaagaggaag	cccagccagg	cccggaatcc	360
gcctcctccc	cagggctcctg	ggagctctga	ctctccgggg	cgtagaccg	aaccagccag	420
gcgagagggg	gaccacagg	ccagggtccc	gaggcagcgg	ctgcttcttg	atatattttc	480
tttaaaggcg	aaatgggttc	gtctttggta	tgaacaccct	cactccaggc	aaaggagggg	540
gtgggcagg	gccccggcag	gaggaggctc	tgcccagccc	ggggccagct	ggaggaagga	600
ccatgccaga	ggctcatg	gaggaaggag	aggcagcgg	ggttcggcct	gaccaggatc	660
caggaggagg	gctgagagcc	ccaaggccat	gacaggcagg	agccggggct	gagaacaggc	720
aggagccagg	gctgagaacg	gtcacctggc	tcagggtccc	cgtgagacca	cgccacgcag	780
gtgcagctca	ctctcggcgg	ccacgatggg	ctgcccgttc	tgcagggtgg	ggtcgatcag	840
gtggctgatg	ctctcaaaca	gcacgtcctt	cgcccgtagc	acgccctcgg	ggtccacgag	900
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gacgctgtct	cgcacaagga	agtccccgtc	agctcgaagc	atcctctctg	ccgcccgcg	1020
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ccgggacgcc	ccccggggcc	gccggatcgg	gttggggggc	cgcgcccccc	gagcccagag	2340
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<210> 6279

<211> 1920

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1857)...(715)

<223> similar to gi2997692 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6279

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agggaatgca	ggttataacc	attggccctt	taattgaaga	gtctaaaaac	tagaggtctg	180
taacagaata	ctaactctgc	agaacaaggg	acagaaaagt	caggcgaggc	aagcttgtct	240
tcgtaacctg	ggctctcaat	tgggggtgctc	tcttacattt	caattgaata	tctgttttta	300
aacctccctt	caacagtcag	ggtgtctgtc	tattttgtgg	cttccaaaat	tctaactgca	360
aaataaatga	ccatcttatc	atgttttccc	atggctatca	ggaggatata	gcaattttat	420
agattactac	atggtcaaga	atctacgcac	cggatgtatt	cttttcttct	tctttacttg	480
atgcattcaa	aagcaacccc	tggatttttt	tcaatgtaaa	aaagaaaaat	agatacccat	540
gccaaaattc	atgggtgtaa	acagccaaca	gagccaaact	tacaaagaaa	atgaaagact	600
tgtttctgga	cagtgggttt	attggtaaa	atataagaca	tattggctct	attaaaaact	660
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ccaggaacag	gtccaaggcg	aagcgggtgt	ttgctgagct	cagctgctcc	atggtgaaaa	1860
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<210> 6280

<211> 4179

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (176)...(2834)

<223> similar to gi3095032 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6280

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gggcacctgt	gggcagccag	tgaaccccg	cttcgatttg	tcccgccgga	acccgcagga	180
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ctttgcagtt	gtgcagcaag	aaattatcat	gatgaaagac	ttgtaaacac	ccagagtatt	360
gttgcttatt	tttggaaagt	atcttcaggc	gagataagct	ttggattttg	catggagttt	420
ttgtggaagt	gggtccttta	caggatattt	atcacgtaac	tggacctctg	tcagaactgc	480
aaattgcata	tgttagcaga	gaaacactgc	agggattata	ttatcttcac	agtaaaggaa	540
aaatgcacag	agatataaag	ggagctaaca	ttctattaac	ggataatggt	catgtgaaat	600
tggctgattt	tggagtattt	gcacagataa	cagctacaat	tgccaaacgg	aagtctttca	660
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caattgcttg	ctatcaatat	ctggtaaagc	ttctcagctt	tattcccata	atltaccagg	2040
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<210> 6281

<211> 2441

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (64)...(2238)

<223> similar to gi5578958 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 6281
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tggagtgcgt ggtacggaaa gtgcgttaaa gggaaagggt cgttgccact ctcgcccccac 180
ggcatcgtgg tcgcctggct cagcagggcc gagtgggacc aggtgacggg ttatctgttc 240
tgtgacgacc ataagttgca gcggtacgcg cttaacgcga tcacgggtgtg gaggagcagg 300
tcaggcaacg aactccctct ggcagtggct tctactgctg acctgatacg ctgtaagctc 360
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```

```

<210> 6282
<211> 5470
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (5471)
<223> n = a,t,c or g

```


<220>
 <221> misc_feature
 <222> (27)...(4397)
 <223> similar to gi2230888 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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 gggaaaaata taatcctgaa agggcacaga aattaaagga atcagctgtg cgcctcctgc 180
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aaaaaaaaaa						5470

<210> 6283

<211> 1913

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1914)
<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (465)...(1794)

<223> similar to gi4580013 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6283

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ctatcaccgg	cccactctcc	gtgccgcgtg	tcccttaaaa	gctggggcct	gggacaggaa	180
cgacagacaa	tgcagccaat	ggcgtcacgc	gcgggtgccc	gctacccaat	cgaaaggcgt	240
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gggacgacct	gcgggagcac	gcgggcagtg	gccggacgct	gaagcccagg	agagcgatgg	420
agacgtatgc	ggaggttggg	aaggagggca	agccttctctg	tgcacgggtg	gatctgcagg	480
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gcagcgcttg	ggcgccccac	cccaccctgc	gtcgagacca	caacttcttt	gtgtttttgg	900
gaatatggga	caggatctga	gtgtccgggg	gaaggaaacag	gaaggagctc	ctcgaggagg	960
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agccagagct	cagccaggcc	ctaactctgg	atctccagtg	accagggtat	cccagacccc	1860
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<210> 6284

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (47)...(681)
 <223> similar to gi206543 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6284

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catcaagcgc	tacgtgcacc	agaactttct	ctcgactac	cgggccacaa	tcggcggtgga	180
cttcgcgctc	aaggtgctcc	actgggaccc	ggagactgtg	gtgcgcctgc	agctctggga	240
tatcgaggt	caagaaagat	ttggaaacat	gacgagggtc	tattaccgag	aagctatggg	300
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aaatgatttg	gactccaagt	taagtctccc	taatggcaaa	ccggtttcag	tggttttggt	420
ggccaacaaa	tgtgaccagg	ggaaggatgt	gctcatgaac	aatggcctca	agatggacca	480
gttctgcaag	gagcacggtt	tcgtaggatg	gtttgaaaca	tcagcaaagg	aaaatataaa	540
cattgatgaa	gcctccagat	gcctggtgaa	acacatactt	gcaaagtagt	gtgacctaat	600
ggagtctatt	gagccggacg	tcgtgaagcc	ccatctcaca	tcaaccaagg	ttgccagctg	660
ctctgggctg	tgccaaaatc	ctagttagga	cctttgctgg	tgtctggtag	gaatgacctc	720
attgttccac	aaattgtgcc	tccaatttta				750

<210> 6285
 <211> 1583
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (51)...(1038)
 <223> similar to gi642942 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6285

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agtcctactc	cagcggcggc	ggcgccagc	agaaattccg	ggtagatatg	cctgggtcag	180
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ccctgccggg	cctggcctct	gtccctggac	acatggccct	ccaagacct	ggcgtgatca	360
agaccatttg	caccaccgtg	ggccgcagga	ggagagatga	gcagctgtct	cctgaagagg	420
aggagaagcg	tcgcatccgg	cgggagagga	acaagcttgg	ctgcagccaa	gtgccggaac	480
cgacgcgggg	agctgacaga	gaagctgcag	gcggagagca	catgaggtgc	aggatgagga	540
gtcaggccct	gcagaacgac	attgctgagc	tgcaagaagg	agaaggagaa	gttggagttc	600
atgttggtgg	ctcacggccc	aagtgtgcaa	agattagccc	caggaggcgg	ccgatcgccc	660
ccagccgcct	tgtcgagcc	catgcgcagt	gggggtggct	cgggtgggcg	tgtagtgggtg	720
aaacaggagc	ccctggaaga	ggacagcccc	tcgtcctcgt	cggcggggct	ggacaaggcc	780
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atcaaatctg	ccatgacatt	tcattctgggt	ggtctgaata	ttaaagctct	tcatttctgc	1560
aaaaaaaaaa	gtcgacgcgg	ccg				1583

<210> 6286

<211> 2340

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (94)...(2121)

<223> similar to gi4753778 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6286

tttcgtccgc	cctgtaggcc	cgctcttcca	gcaacctgac	acctgcgccg	cgcccttca	60
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cacccgggac	tggaggtagg	aaccagcca	tggtgaacga	agccagagga	aacagcagcc	180
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agggagctgt	caatctcatc	tcaaggtttg	accggatggc	agcagggtggc	cccctctaca	420
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caccccggcc	tccactcccc	cacctgacaa	tggcagctag	actggagtga	ggcttccagg	2280
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<210> 6287

<211> 1156

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1157)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1102)...(484)

<223> similar to gi5565870 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6287

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acagcgaccc	agggtgctgg	aggccccggg	tcacctgagg	actgcagaag	tcctgcgctc	180
cgctaactgt	gtggacacgc	ggctgccagg	ggcacaggta	ggcaacatgg	atgggaagag	240
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ccaggcagag	ctgctgggtc	gacacatcct	ggggctgggc	tggtcgggga	gaagctctcc	360
ggctgacgct	gcctgggcct	gcccctgcag	ggcccgggaa	ccgagcccag	gcctctgttt	420
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tgtccaccac	caggtagtcc	agctcccc	aggccacgtc	ggacacaaac	tgctttatca	960
gcgcttcttg	cctgcatggc	gcagtgccag	ggccagctcc	gtggagatgg	tgcttttccc	1020
aacgcccccc	tttctgaga	ggaccaggat	gatgtgcctg	acgccggcca	ggtttccagg	1080
cntgccgcgg	cctccatccc	gccgcctcca	ggagctcgng	gctgcacgtc	cttaccgcg	1140

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<210> 6288
<211> 4379
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (212)...(3470)
<223> similar to gi3327146 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 6288
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gcgtgcttcc gtgggctggg cgctgggttc gcgggcgcgc ctctgctgc ctccccggag      180
ctccggggcc agtagcgttt agtcacatca agaaatagaa cagaattcag ccatggcccc      240
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cccagaaatc acgtatcggc tgcgaaatga tagcaacttt gcgcttcaga ccatggaacc      360
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actggacctc acagacaaac acagagaagc catgtttgca cttccagctg agaaaaaatg      480
gcaaatatac tgtagcaaga aaaaggacca ggaagaaaac aaggagagta caagttggcc      540
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<210> 6289

<211> 1596

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (706)...(186)

<223> similar to gil825739 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6289

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tcttcttgc	cttctctttc	tcttgcttgc	tctttttctc	agacttcttc	atttgctttt	300
cactcttaag	taacttgtct	gcgttctcat	tcttcatctt	ttttttcttc	tccttctctg	360
gtttctcaag	cttttcatgc	tttttagact	cctttgcttt	tttaagggga	acattcccca	420
cctgcagctc	gtcctccagc	tgagaggcag	taggcgggct	gaggtcatac	ttctcctcat	480
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tgtcccggaa	acggcctggg	ccagcagccc	ttgtgctggg	ttctgagatg	gtggtgggag	660
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tctccctgtg	ctgatccttc	cgggatggag	ggtaaagatt	ctctgaaact	gagggtctcc	780
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ggcggtagta	gccttccgag	gcatagaggg	ctgagatgac	ccatactctg	tccttgccag	1560
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<210> 6290

<211> 2526

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (216)...(1361)

<223> similar to gi4914573 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6290

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gttgctcat	tgcggtggc	gttcccaata	cagacgcata	gtttcttttt	taatactccc	180
taagaaaggg	aataaccttc	aagctggcgg	gagcaatggt	tcacataaag	aaaggcgagc	240
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<210> 6291

<211> 5840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (398)...(4178)

<223> similar to gi2204213 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6291

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<210> 6292

<211> 4093

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (40)...(2511)

<223> similar to gi3882341 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6292

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ccggagaaca	cgggctacac	gtatgcgctc	agttccagct	attcttcaga	tgctctggat	180
tttgagacgg	agcacaatt	ggaccctgta	tttgattctc	cacggatgtc	ccgccgtagt	240
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<210> 6293

<211> 1110

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (448)...(695)

<223> similar to gi3929926 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6293

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aaggttggtt	tcttccatca	tgtcagggtg	ttacataact	aaaattaacc	aacttgaatc	180
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cagccctcaa	aaagaaaagt	ttctccacag	aacaggcaag	taatagctct	gttccaagga	600
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aatccatctc	aggactcaca	gaaccagga	caacttgcca	cctttgagca	acatatgcat	1020
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<210> 6294

<211> 2522
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (161)...(1067)
 <223> similar to gi437807 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6294

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cctcactaca	gctccagtca	ttaccagcgc	cattcgcagc	atgccaggga	tcagcagtca	180
gacccctcacc	aatgctcagg	gacaggttat	tggaaacctt	ccatgggtag	tgaactcagc	240
tagtggtggcg	gccccagcac	cagcccaaag	cctgcaggtc	caggccgtga	ccccccagct	300
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tcaagccac	accaaccgtg	ccccagcctg	ctgtgggtcat	tgccagccca	gctccagccg	480
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agttggtgtc	caagccacat	actccaagtc	tggatgagga	tgggatcaac	ttagaagaga	600
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tc						2522

<210> 6295
 <211> 1474
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (188)...(848)
 <223> similar to gi4929673 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6295

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tcattgcaaa	atcatttttt	ttgttcggta	caataaagtt	tactaaaaaa	cagtattagg	1080
gtttatttgg	agttaactcc	cttagtaatt	gctacagctt	ccataattaa	ctggagggtca	1140
gcagtaaaat	aattttgtga	ttataacagt	aagccagggt	caccagagga	aatgtggaat	1200
acctaagtat	aaagcagcaa	agaaatgtca	cctgtagtcc	cattattcag	cggggtgata	1260
ctttgagacc	atgtaaatag	ccggttcctc	cacaaccttt	ctttcaactg	agtcaacaat	1320
tgtattagga	gtgacaaaat	gatgattttc	taattctatt	atgcattcct	tattagctgc	1380
attcttctgt	aagtagcccc	tgctcgtatt	ttagatgatc	actatggagt	catggaacac	1440
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<210> 6296
 <211> 2121
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (35)...(844)

<223> similar to gi6018414 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6296

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aactctctgg	ggagtttcat	ttgcaagttg	gagaacgagt	atggccggct	gacctggcca	180
tctgtcctgg	acagctttgc	cttgctttct	ggacagctga	acactctgaa	caaggtcttg	240
aagcatgaaa	aaacaccgct	gttccgtaac	caggtcatca	ttcctctggt	gttgtctcca	300
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acacaagatc	aaataaggct	atgcttattt	tgtgctgcca	gaaactgtag	caacctctgt	1320
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tctaaggcgc	aaggtgaaga	agcttctggg	ccaggaagga	aaaaaaaaatg	cccacctgca	1440
gctctggtga	agcttggggc	tgctctcctt	tccatcctct	aaggagccaa	cttggctttt	1500
acctgtcaaa	tagtcataaa	gtcccctatc	ctttacccca	ccttatacac	acgaggcttt	1560
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gatttccttc	aaagaaaacg	actttccttc	atttccctaa	gcctgtggcc	caaatggtgg	1800
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acaaattgaa	tttagacatt	caggctaacc	tgcttttctt	agtactcctt	tgttggcatg	1920
ggcaggggtt	gagtcagcag	aagtggacca	aaggattcct	ctgaataaag	ttatttaaaa	1980
taaaaaaaaa	aaaaaggggc	ggccgtttta	aaggatccaa	ttttacttcc	ccgggcttgc	2040
aacgtaatat	tttttttatg	gggcccccaa	aattcaatcc	ccgggcccgg	gtttaacaac	2100
gtcgggacgg	gaaaaaccct	g				2121

<210> 6297

<211> 2960

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2961)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (396)...(2069)

<223> similar to gi4469250 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6297

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cccaaaggtc	gcggcgccga	attggtttct	aacgagaact	tttaaaatga	tccgttccaa	180
aaaagggtag	gagccgcgag	accctccaac	tgcccagaga	aaacaagtct	cgtctgggca	240
aagtctctcg	cccacgcggt	ccgggccaa	ggcaagcggg	ccctgcgccc	cacgttgccg	300
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ggcgggactt	caaattcccc	ggttgagcaa	aatgggcgcg	ggagaaggag	atgcaggagt	420
ttcacccgta	gcttctttcc	gaggccgccc	ggacctcagc	acgcttacgc	attccatcgt	480
gcggcgagg	tacttagctc	actcgggccc	cagccacctg	gagcccagag	agaagcaggc	540
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agaggagaat	ccaaggcgag	ccctcaaagg	cagttgagga	gagcagtgat	gaggaacggc	840
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gtaggaagca	ggccagggaa	gaaagtgagg	agagcagggc	agaaccctgt	cagaggacag	1020
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<210> 6298

<211> 5275

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (830)...(2439)

<223> similar to gi5911982 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6298

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gtgatccacg	ggcaaatatg	cagccattgt	gggcacctgt	tcctcccgcg	acctttgtgc	180
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agcagggtgcc	ttgcgcgggt	acctggctgt	gcttattcat	ccattatggt	cgctctgtca	300
ctggtgccat	tatgtgctca	catgcccact	ccctcagggt	tagaagtcgt	gttgcccggc	360
aacagaacaa	tctgctggct	tagccttttg	ccaagttggc	agctggacga	ggacgctcag	420
agcccagctc	ttgagagttc	aagtatccga	cagttcccca	ctgctcccag	gagcgggttac	480
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cggctgaaga	cctgcacctg	gaaaaacagg	cggcatttcc	agcgcacaa	cagtgcactg	1560
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tgccataaat	aatattttaa	aatgaaagta	ttgggggtgga	ggttgcaagt	agcagagatt	5220
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<210> 6299
 <211> 3010
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (302)...(2180)
 <223> similar to gi4468288 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6299

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tgtcacatgt	cagcatttgt	acctgaagtc	agcatgcaaa	gttcagggtta	catggatgaa	180
tgccaacttt	tgcatttccc	atgtgtatcc	tgtgaccatt	ctatctggga	acatccttca	240
aagagtccat	gcatcttact	gaggacacct	gaccttttga	agcttcataa	ttcacatcta	300
gatgtcacccg	gtctttccca	tgtaaacagt	tctgaccatg	ttttattata	tatgccttcg	360
gcgccgagcc	aggacagcta	caagaggaga	aatgatgaac	acccatagag	ctatagaatc	420
aaacagccag	acttccccctc	tcaatgcaga	ggtagtccag	tatgccaaag	aagtagtgga	480
tttcagttcc	cattatggaa	gtgagaatag	tatgtcctat	actatgtgga	atltggctgg	540
tgtaccaa	gtattcccaa	gttctgggtga	ctttactcag	acagctgtgt	ttcgaactta	600
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<211> 7728

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<222> (266)...(6202)

<223> similar to gi641958 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<211> 2228

<212> DNA

<213> Homo sapiens

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 <222> (1973)...(823)
 <223> similar to gi624964 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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tgctgccgaa	gttgaggccc	cagacctggg	cgagcgtcgc	gccactgatg	ggaagttggg	1740
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gacgcggctg	aaggcctggg	gacctgtgcc	agcagggagc	catcgcttgt	tgccatcatc	1920
ataaagcatc	acagtggccc	ggctggaaca	gatgaccgtc	tcgctcatgg	ctgctcggcg	1980
ggcgcatgc	gtcgccacg	ggctggctgc	tcccgggcgc	cccctggctg	gaggttcagg	2040
ggttcggggc	tggctccggg	ctcggtcag	gctccccag	ggtcccgccc	catagagtcc	2100
ggcttcctgg	ggagaatgtg	gaccgggccc	ggcggggtct	ccgggcgcgc	cttccctcag	2160
gcggtctgat	gagaggttcc	tgcagcagaa	agggagatgc	agcgtccgct	ccccagcgcg	2220
caccctt						2228

<210> 6302
 <211> 2636
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2637)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (110)...(1438)

<223> similar to gi35315 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6302

ccccccccc	tccccctctt	tctttctctc	cctcgtcgcc	gccgccgccg	ccgccgcctc	60
agccttcgcc	tcagccgcgcg	cccgtcccg	cccgcgcggc	gggattagtg	acgatcaatc	120
caggatgctg	cagactctgg	ccggggtgaa	ccttgctggg	caattcgttg	cagggggggca	180
tggccctgcc	gcctcccccg	cacggccacg	aaggggcgga	cggcgacggc	aggaagcagg	240
acatcggcga	catcctccac	cagatcatga	ccatcaccga	ccagagcggt	ggaccgaggc	300
gcaagcaaag	aaacatgccc	tgaactgtca	cagaatgaaa	ccagcgctct	tcagcgctct	360
gtgtgagatc	aaagagaaaa	caggtctcag	catcagagga	gccaggagg	aggaccctcc	420
cgatccccag	ctaatagagac	tggacaatat	gcttttgcca	gaaggggttt	caggtccctg	480
agaaagggtg	gggatcggcg	gcagcagctg	cagccgcggc	agcctctgga	ggttcttcag	540
ataactctat	tgaacacttc	agattaccga	gccccaaatga	cccaggatca	ggccaaatct	600
atcacacaga	actggagaaa	tattgaacag	gcatgtaatt	gaatttacta	cacatgtgat	660
ggaccttctt	ccgaggaacc	agagtttagga	acacgtcccc	atttcctccc	aaaagagatt	720
gaaagaaatg	gtggggcatc	atccatccga	aaatttttagt	tccattcaga	ttgcagcttc	780
aaccaaagca	ctttgttgaa	gcagttatga	ttttaagatc	aaggttcctt	gatgccagac	840
ggaaaaggcg	taacttcagt	aaacaggcca	cagaaatctt	gaatgaatat	ttttactcac	900
acctcagcaa	cccctacccc	agtgaagaag	ccaaagagga	gctggccaag	aatgcagca	960
tcacagtgtc	acaggtatcc	aattggtttg	gcaacaaacg	aatcaggtac	aagaagaaca	1020
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acgcagtagc	agcagctgtg	cagaacaacc	agaccaattc	gcccaccaca	ccaaattccg	1140
gttcttcttg	ttcttttaac	ctcccaaatt	ctggggacat	gttcatgaac	atgcagagtc	1200
tgaatgggga	ttcttaccaa	gggtcccaag	tcggagccaa	tgtgcaatca	caggggtggat	1260
accctccgtc	atgttatcaa	tcagacggga	ggctacagtg	atggccttg	aggaaattca	1320
ctgtacagtc	cacataattt	aaatgcta	ggaggtcggc	aggacgcaac	aactccatct	1380
tctgtgactt	ctcctacaaa	aggccccagg	aagtgtgcac	tcggatacct	ctaacttaat	1440
ctctggccac	acttttccct	gagctacatg	ccttgataag	tgcattcaga	gcaataggag	1500
gaaaaggaaa	gcgtttttgt	agcccaccat	ctacagcttt	actgtaaaac	cttgtcttat	1560
tcgagaactt	gggtaaaatc	tggntttttt	aaaggaatca	taatcattgt	gtatttatac	1620
ttaaaaacac	acaatgttaa	aaaaaaataa	agcactttat	ccaattaggc	caagatttaa	1680
cattgttgac	agtccctgtg	ctattttatc	ataatttatt	atcaatattt	tacattaatt	1740
gtttcacagt	tgccaattac	ttggccttaa	ggggtaaaaa	gtaccatata	cactaaacct	1800
caaccctgta	aaggcagatg	caaaaattta	cctcacctaa	attggaactt	cttggcatat	1860
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agagacggag	gatacttgct	gcttgataga	gggtgaaaacg	agattgatcc	gtctgggggtt	2160
ttacgggtgtg	cactgggtgc	tgcacagact	tgtcaagggt	tgctacgtcc	tctggggcat	2220
ctgcaaaagg	ccctgctctc	tggagtgttg	tatatagtgt	agcaaaagag	tatttataca	2280
tcccaccaat	caaaacacag	ctttattacc	tcattgcgaac	tcatacaaac	caatagaatt	2340
tcaacatggt	ctgtagctta	gagtgtctac	ttactacctc	tgaacaatac	tcacgctgta	2400

gtttgtctct	ttcttatctt	tttgcattct	gtaattaact	ctttgtttcc	cttcataaaa	2460
tgtaatgtac	attgtaattt	tttaaaagaa	aatcagggt	tgcacttgca	acttttaaaa	2520
aaccgagtgt	ggaaacattg	ggtcttaatt	caacacagga	tcggtaaaac	tgttgtaa	2580
actgagaac	atcttgaa	ttcttcatt	tattactaat	ccatgcaaaa	aaaaaa	2636

<210> 6303

<211> 609

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (11)...(330)

<223> similar to gil488610 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6303

cgggacgcg	atgcagacgc	aggcggaggc	gctgacggcg	gggatggccg	gggtggccac	60
agctggcgcg	ggggcggtga	cacagccgca	gctccggccg	gtggagctcc	cccagcgcac	120
gcgccaggtc	cgggcagaga	cgccgcgtct	gcggccaggg	ggtcacgaat	gcggccgcac	180
atattcaccc	tcagcgtgcc	tttcccgcac	cccttgagg	cggaaatcgc	ccatgggtcc	240
ctggcaccag	atgccgagcc	ccaccaaagg	gtggttggga	aggatctcac	agtgagtggc	300
aggatcctgg	tcgtccgctg	gaaagctgaa	gactgtcgcc	tgctccgaat	ttccgtcatc	360
aactttcttg	accagctttc	cctgggtggg	tgccgaccat	gcagcgcttt	gggccccccg	420
tttcccgcga	agcctggcct	gggcaaatgg	agcgagggtc	cactttgcgt	ctccttgtag	480
gcagtgcgtc	catccttccc	tagggcagga	attcccacag	ttgctacttt	cctgggaggg	540
cctcatgttt	tatctgggtc	ttaaattgtt	gttactacag	aaaataaaac	tcgctacta	600
aaaaaaaaaa						609

<210> 6304

<211> 1533

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1499)...(680)

<223> similar to gi31463 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6304

tttttttttt	ttcacagctt	caagcctttt	attccatttt	ggtaggtttg	tataaaaata	60
ctctcttttag	gaaaataaat	agcagctgcc	ctcgtctgtg	aggcttgat	tcctggagc	120

tgaaggcttc	tcaaagctga	gatccgcaga	tcagctcatc	acagaagcca	agggcgccctc	180
ctgagctgtg	cggttcagga	gggggcggca	gaatggcctg	gtccaatcac	ctgctgctgc	240
tggcagtggg	gctggtgagt	tagtggtcta	ggtgggtaaa	gtggcacctt	ctgtcaggag	300
atagggttgg	gtggatcaca	ggaagagggt	gatggagagt	gtggcagtga	tctggaaggg	360
gttagggctc	cagagccctc	ctaaggatct	acaaagtctg	tgggcttcca	ggattcctcc	420
ggcagaaatg	ggaaatattt	tgtctctgat	ttagtgcaaa	ttgtgctaga	gaggccagct	480
ctagagaaac	aatgggcagc	tttggtgggc	ccaagctggc	tctactgtga	agcacaatat	540
ggttagtctc	attagaggga	tggagaagca	gctgctggag	ttgggtatgg	gatactgtcc	600
agggcagctg	gactggtggg	ggaaggggag	cagacgttgc	ttaggggtggc	acctgcaggg	660
agtaaggctc	gggtgcctca	caaagcgagg	agggttggag	agccaagggg	gtcagaggat	720
gggtctccgc	tgctgctgct	actcttgca	tgagctgagg	cacaaggctc	aggagtgtctg	780
gggtaggtga	agcccaggct	gggggtgaaa	ggagttaggg	aggggtgtgg	catgagtgtg	840
gggggtgtgca	gtgcctcagg	ttcaagcaca	ggccctgggg	aaaggagat	acaagggtaca	900
gggcggcagg	gggctggtgg	gctgctgggt	ccactgggtac	tgctgtgtgc	cccctccttg	960
gctccttccg	ggattttgca	gatgggtcgg	tgggcttcca	gcaccagctc	taggcgctcc	1020
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gccagcttgt	tccgctcgcg	ccttactcgg	cggcgctcct	cttccctccg	gctgatctgt	1200
tcacaaggcc	ttcgacgtac	ccctggaggc	ggccccaggg	cccggatgac	ttccttggcc	1260
ggggctgtgg	ggggctgtac	tgagggtagg	tcagaggcct	ggggtaacct	gctggggccc	1320
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ccgtacccgc	cgccgttccc	ggagctcggg	ccgggttccc	cgaagtctcg	gaacatgccc	1500
ggggctggcg	gctctgcggg	gtacacggct	gct			1533

<210> 6305

<211> 2232

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2233)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (213)...(1543)

<223> similar to gi2765411 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6305

gcggggccgcc	gtacgccccg	ggctgcggct	ctcccgctg	ggccgcggcc	gctcggtctc	60
gcgggcagcc	gcgccgtcct	gccccgcgcg	cgcgctagcc	gctgtcggcc	gcaggagccc	120
cgggaatctg	gaggggccgt	ggggcgagg	gcggggcctg	cgggcggacg	gcggccgaag	180
ccgcacggga	gacgacgagg	aggagccgga	agatgcggac	gagaacgccg	aggaggagct	240
gctgcgggga	gagcctctgc	tgccggcggg	gacccagcgc	gtgtgtctgg	ttcaccctga	300
cgtcaagtgg	ggccccggga	agtcgcagat	gactcgagcc	gagtggcagg	tggcggaggc	360
cacagcgctg	gtgcacacgc	tggacggctg	gtccgtgggtg	cagacaatgg	tcgtgtccac	420
caaaacgccg	gacaggaagc	tcattctttg	caaagggaac	tttgagcacc	tgacagaaaa	480

gatccgaggg	tctccagaca	tcacgtgcgt	cttcctgaac	gtggagagga	tggctgcccc	540
gaccaagaaa	gaactggaag	ccgcctgggg	cgtggagggtg	tttgaccgct	tcacggtcgt	600
cctgcacatc	ttccgctgta	acgcccgcac	gaaggaggcc	cggcttcagg	tggccctggc	660
ggagatgccg	ctgcacaggt	cgaacttgaa	aagggaagtc	gcccacctgt	accgaggagt	720
cggctcgcgc	tacatcatgg	ggtcaggaga	atccttcatg	cagctgcagc	agcgtctcct	780
gagagagaag	gaggctaaga	tcaggaaggc	cttggacagg	cttcgcaaga	agggcacct	840
gctccgccgg	cagcggacga	ggcgggagtt	ccccgtgatc	tccgtggtgg	ggtacaccaa	900
ctgcggaaa	accacgctga	tcaaggcact	gacgggcatc	gccgccatcc	agccacggga	960
ccagctgttt	gccacgctgg	acgtcacgtg	cccacgcggg	cacgctgccc	tcacgcatga	1020
ccgtcctgta	cgtggacacc	atcggcttcc	tctcccagct	gccgcacggc	ctcatcgagt	1080
ccttctccgc	caccttgga	gacgtggccc	actcggatct	catcttgac	gtgagggacg	1140
ttcagccacc	ccgagggcgg	agctccagaa	atgcagcgtt	ctgtccacgc	tgcgtggcct	1200
gcagctgccc	gccccgctcc	tggactccat	ggtggagggtt	cacaacaagg	tggacctcgt	1260
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agcaactcag	cctacggcaa	attccggaag	ctctttccag	gatgaacgga	cgccacaga	1560
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agccatttgc	tgggatgacc	gtgcaggccg	gtgacacggc	cgcacctgcc	ccaaagcggg	1740
ccgcccagc	gtccactcca	agcctgagca	tccacacaat	tccagtgggc	cctcgtgcc	1800
tgctgtgaac	tgctttccct	cggaaatgtt	ccgtaacagg	acattaaacc	tttgttttta	1860
cttcctgtag	cagcatttcc	agttcctcct	gcacctgccg	tgagccgtgg	ccttgggtgg	1920
caccgacggc	ccctccgccc	ggctgtctgt	gttcacagat	ggtctcggtt	tcccatggtg	1980
gtgtcgggga	aatgacgaaa	aatcagggtt	cccggcagca	cagagaaccc	ttccacaaaa	2040
gtagaaggga	aagcaaata	ttttactaaa	gaagcagctt	caaaccagac	cgtgagccac	2100
cgcacccggc	ctccttgagt	taacattttc	taaagatgcc	tccggcgtgc	ttatccttga	2160
aagctgccag	aggtgtcttg	gctgcattgg	tggtataaaa	attcatactc	atatttgact	2220
ttaaaaaaaa	aa					2232

<210> 6306

<211> 2551

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2552)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (700)...(1788)

<223> similar to gi3135887 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6306

caggaagggc	catgaagatt	aataaagatt	tggactcagg	gcaaatat	acttagtagc	60
aataactcaa	agaattactg	ttgaataaat	aagccaatta	agcagccaat	cacgtactat	120

gcggatgcac	acaaatgaaa	ccctcacttc	aacctgaaga	cattcgcaca	tgagttacgt	180
agagggacct	gcaggaagcg	gtagagaaaa	cataaggctt	atgcgtttta	tttccacacc	240
aatttcagga	tctttgtcac	tgacagcagc	actaagactt	gttaacttta	tatagttaag	300
aagaacaagg	ctgagcgcga	tgactcacgc	ctgtaagcct	agaactttgg	gaggccaaag	360
caggcagact	gcttgagccc	aggagttcca	gaccagcctg	ggcaacatgg	caacacccca	420
tctctacaaa	aaaatacaag	aatcagctgg	gcgtgggtgat	gtgttcctgt	aatctcagct	480
actcgggagg	cagaggcagg	aggattgctt	gaacccggga	ggcagagggt	gtagttagcc	540
gagatctcgc	cactgcactc	cagtctggac	gacagagtga	gactcagtct	caaataaata	600
aataaataca	taaatataag	gaaaaaaata	aagctgcttt	ctcctcttcc	tcctcttttg	660
tctcatctgg	ctctgctcca	ggcatctgcc	acaaagtggg	tgcttacacc	tgctgctttt	720
gctgggaagc	tcttgagtgt	gttcaggcaa	cctctgagct	ctctgtggag	gagcctggtc	780
ccgctgttct	gctggctgag	ggcaaccttc	tggctgctag	ctaccaagag	gagaaagcag	840
cagctggctc	tgagagggcc	agatgagacc	aaagaggagg	aagaggaccc	tcctctgccc	900
accaccccaa	ccagcgtgaa	ctatcacttc	actcgccagt	gcaactacaa	atgcggcttc	960
tgtttccaca	cagccaaaac	atcctttgtg	ctgccccttg	aggaagcaaa	gagaggattg	1020
cttttgctta	agggaggctg	gtattggaga	agatcaactt	ttcaggtggg	agagccattt	1080
cttcaagacc	ggggagaata	cctgggcaag	ttggtgaggt	tctgcaaagt	agagttgcgg	1140
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ttatgggtga	gtatttggac	attctcgcta	tctcctgtga	cagctttgac	gaggaagtca	1260
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ttcaacgtgg	aagaggacat	gacggaacag	atcaaagcac	taaaccctgt	ccgctggaaa	1440
gtgttccagt	gcctcttaat	tgaaggtag	aattgtggag	aagatgctcc	tnagagaagc	1500
agaaagattt	gttattgggtg	atgaagaatt	tgaagattc	ttggagcgcc	acaaagaagt	1560
gtcctgcttg	gtgcctgaat	ctaaccagaa	gatgaaagac	tcctacctta	ttctggatga	1620
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gaacgagact	tcaacacacc	agtgggaaaa	ctcctagagt	aactgccatt	gtctgcaata	1860
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accattaact	ttacttcatt	ggcttataac	cttggttgta	ttgaaacagc	acttctgttt	2040
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tagataaggc	ccctatacac	aggacctgac	atttagctca	atgatgcgtt	tgtaagaaat	2160
aagctctagt	gatatctgtg	ggggcaatat	ttaatttgga	tttgattttt	taaaacaatg	2220
tttactgcga	tttctatatt	tccattttga	aactatttct	tgttccaggt	ttgttcattt	2280
gacagagtca	gtattttttg	ccaaatatcc	agataaccag	ttttcacatc	tgagacatta	2340
caaagtatct	gcctcaatta	tttctgctgg	ttataatgct	tttttttttt	tttgctttta	2400
tgccattgca	gtcttgact	ttttactgtg	atgtacagaa	atagtcaaca	gatgtttcca	2460
aaaaccttag	aatgggaaac	ccccccatt	tttaaaaagg	cctttaaaaa	aaaaaacccc	2520
tgggaaaaac	gggggggggc	ccccaccccc	g			2551

<210> 6307

<211> 3482

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (81)...(1926)

<223> similar to gi3769610 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6307

ctgctgccgc	cgcgcgcgc	gcgcgcgcgc	cgctcctcgc	tctctgctcc	cgggacccgg	60
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aatccacca	tgtagtctat	caggcccacc	atgtgagcag	gaataagaga	gggcaagtgg	180
ttggaacaag	gggtgggttc	cgaggatgta	cgtgtgggt	aacagggtctc	tctgggtgctg	240
gaaaaacaac	gataagtttt	gccctggagg	agtaccttgt	ctcccatgcc	atcccttggt	300
actccctgga	tggggacaat	gtccgtcatg	gccttaacag	aaatctcgga	ttctctcctg	360
gggacagaga	ggaaaatata	cgcgggattg	ctgaggtggc	taagctgttt	gctgatgctg	420
gtctgggtctg	cattaccagc	tttattttctc	cattcgcaaa	ggatcgtgag	aatgcccgc	480
aaatacatga	atcagcaggg	ctgccattct	ttgaaatatt	tgtagatgca	cctctaaata	540
tttgtgaaag	cagagacgta	aaaggcctct	ataaaagggc	cagagctggg	gagattaaag	600
gatttacagg	tattgattct	gattatgaga	aacctgaaac	tctgagcgt	gtgcttaaaa	660
ccaatttgct	cacagtga	gactgggtcc	accaggtagt	ggaacttctg	caagagcaga	720
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<210> 6308
 <211> 6617
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(6618)
 <223> n = a,t,c or g

<220>
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 <222> (389)...(1418)
 <223> similar to gi5689439 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<212> DNA

<213> Homo sapiens

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<223> similar to gi4589678 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 6310

<211> 6302

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(6303)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (113)...(3050)

<223> similar to gi3043658 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6310

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aa						6302

<210> 6311

<211> 1998

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5)...(1752)

<223> similar to gi6013191 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6311

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<210> 6312

<211> 4951

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4861)...(549)

<223> similar to gi5419846 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6312

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<210> 6313

<211> 2157

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (173)...(1329)

<223> similar to gi37643 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6313

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gacaccttcc	tggaatctct	cttgattttt	gaggaaatac	ctagtaacaa	acatgactga	180
gttctggctt	atatctgctc	ctggggagaa	aacctgtcag	caaacatggg	agaaattgca	240
tgcggaact	tcaaagaaca	ataatcttgc	tgtcacttcc	aagttcaata	ttcctgactt	300
aaagggttggc	acgttggatg	tcttggttgg	cttgtcagat	gaactggcta	aactggatgc	360
atttgtagaa	ggagtgggta	agaaagtagc	tcaatacatg	gctgatgtat	tggaagatag	420
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ataaagaaga	aatgaacagg	ctttctactg	ataagaaaaa	acaatttggg	ccacttgtac	1020
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tgagtcaaca	agaatactac	ccctatgtgt	actacaagat	tgattgcaac	ttgctggaat	1320
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<210> 6314

<211> 1532

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (884)...(671)

<223> similar to gi710336 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6314

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tctaggttgg	gccccagcct	ggaggcgctt	gctgctttgg	gaaggctggg	gttgcctgcc	180
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ggttcagggg	agcagggccc	aggagtcctg	ggggcacttg	gaaatggggg	gaaggggact	360
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ccttgccagg	cgtgggggtg	ctgccaacca	ggttggctcc	aggaagccag	cacagcgatc	1500
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<210> 6315

<211> 3092

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (626)...(2702)

<223> similar to gi4704739 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6315

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<210> 6316

<211> 646

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (572)...(75)

<223> similar to gi306901 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6316

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atgaacacgg	tgctcagggg	cttgaggccg	tactccccca	gcgggagctg	accttcgagg	180
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ccgtgctgcc	ggggcccagg	ccctggctgg	caagggggac	cctgtcctgc	agcgccacac	420
cgctcgggtg	gacagccaga	cgctgctgga	aggcgtgcac	gccgatcttc	tgggtgatct	480
gcgccttcag	ctctgacacc	gacatggagc	tgctcagggg	cacctggaat	tcgttgcccg	540
ccagcatctt	caccgtcagg	tcccagccca	tggctgtggg	ctgtgggctg	tgggccacgg	600
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<210> 6317
<211> 3558
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (298)...(3434)
<223> similar to gi30076 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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aggggcccgc cgagcccccg gggcgggcgc ccagagagcc cagcaaggcc ggccgccctg     180
ccggtgtgcc gccggcgggt gcttctggaa gggccaatgc gttcgggcag cagcccctga     240
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gggagagacc agcgcgcggg ggcgggccct gccctacggc ggtggctgct gctggggaca     360
gtgaccgtgg ggttcctcgc ccagagcgtc ttggcggggt tgaagaagtt tgatgtgccg     420
tgtggaggaa gagattgcag tgggggctgc cagtgtacc ctgagaaagg tggacgtggt     480
cagcctgggc cagtgggccc ccaggggtac aatgggccac caggattaca aggattcccc     540
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aagggcgacg tgggagcaag aggcgtttct ggattccctg gtgccgatgg aattcctgga     660
caccgggggc aaggtgggccc caggggaagg ccgggctacg atggctgcaa cggaaccacg     720
ggagactcag gtccacaggg gcccccggc tctgaggggt tcaccgggccc tcccgggccc     780
caaggaccaa aagggcagaa aggtgagcct tatgcactgc ctaaagagga gcgcgacaga     840
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aagggtgacg tagggcagcc gggacccaac gggattccat cagacacctt ccaccccatc    1080
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<210> 6318

<211> 2000

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1926)...(209)

<223> similar to gil377880 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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cttggtatgtg	ttttcgaggg	agctgatact	cttcaagcaa	tagccagccg	aggtggtgga	240
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<210> 6319

<211> 6345

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (31)...(6032)

<223> similar to gi35788 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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attattcact	gtgtgatttg	tttttaaaaa	cttgcttcat	gccctacaga	ggtgccagct	6120
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ttaaaggtaa	cagatattat	tgtacatagt	tgtattttgt	agtttcttct	gtaaatatgt	6240
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<210> 6320

<211> 1398

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1286)...(196)

<223> similar to gi4929831 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6320

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atcgccatcc	ctcgtgcc					1398

<210> 6321

<211> 7347

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (7111)...(448)

<223> similar to gi5225312 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6321

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cctcctctc	tgggctccca	tgtggtgtgg	acagcctgac	ctgggtacag	ggaggatgcc	300
atgaggaggt	gggctgggca	ggcctggggg	ctgtgtgggg	agtggcatcc	atgtgggcct	360
ctggtcctgc	ccagggtcct	gcccaggggg	cattccaggc	ctggctggtc	ccctggggcg	420
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<210> 6322

<211> 1355

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (171)...(794)

<223> similar to gi4538973 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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tcgtggaact taataacctg cttaacacca ccccgacag ggcggagcag gggaaactga    180
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gtatcgtggg acagaagctg ggtgtcagcc tgaccatggc gcgggagcgt gggcagcttg    360
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gccccagctg cccatttttg gttgacaagc ctttcagagc cagagtgggt atagatgtgc   1260
cagccaggag atggcaccgg atggcaggtg tgcaagggtg caactaggat aatcatggct   1320
ggaataaagt aagtttccac actggaaaaa aaaaaa                                1355
```

<210> 6323

<211> 836

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (97)...(707)

<223> similar to gi5441879 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 6323
gacccacgcg tccgcccacg cgtccggcca ggaggcggag tggaagtggc cgtggggcgg      60
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gggcccggcg tcagtctgcg gcagcggcag caagacggtg cagtgaagga gagtgggcgt    180
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ggttctccat	ggtggtacag	gatggcatag	tgaaggccct	gaatgtggaa	ccagatggca	660
caggcctcac	ctgcagcctg	gcacccaata	tcatctcaca	gctctgaggc	cctggggccag	720
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<210> 6324

<211> 3654

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (24)...(3261)

<223> similar to gil531548 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6324

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gaacagttct	gagcacagga	atggataacc	ggtacctggt	gttggcagtc	aatactgtac	240
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ataaagaact	atgcatacct	aggaatgact	ggtgttctgt	tccagtagag	ccaggagata	360
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<210> 6325

<211> 2898

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (39)...(2899)

<223> similar to gil469195 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6325

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<210> 6326

<211> 2123

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (99)...(1609)

<223> similar to gi5726241 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters


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ctcagctatg ctatgaacac tatgggatca ggctgcccac gaaggggaag cctgagccaa     180
accatgagtg gacattattg gcagcgggtg tgaagataca atctccagct gacaaggcct     240
gcgacacccc tgataagccg gtgcaagtga caaaggaagt tgtgtcaatg ggaacaggaa     300
caaaatgcat aggacagtcc aaaatgagga agaacggaga catcctcaat gatagccatg     360
ctgaggtcat agccagaagg agtttccaaa ggtaccttct ccaccaactc cagttggcag     420
ccaccctgaa agaggatagc atctttgtcc caggaactca aaaaggagtg tggaaactta     480
gacgagacct cttttttgtg tttttctcca gccatacacc ctgtggggat gcctccatca     540
ttccgatgct tgagtttgaa gatcagcctt gctgtcctgt cttcagaaat tgggccaaaca     600
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tcaccaacgg agcagctcac catcagagtt ttggcaagca gaaaagtggc ccaatctcac     780
caggcatcca cagctgtgat ctcactgtag agggactggc tactgtcacc agaatagccc     840
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ctggagactc cggaaagccg ggtgctgcgt ttcaccaggt ggggctgctc cgagtgaagc     960
caggccgtgg agacagaaca cgctccatgt cctgtagtga caagatggcc cgatggaacg    1020
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aagttttaca gctttgccta gcatagcgaa catatatttt gtattccag cctttctttc    2040
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<210> 6327

<211> 2507

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (329)...(1496)

<223> similar to gi442368 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6327

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aaatgtttac	ccaaccaatt	tgctgtgttt	ggggagttat	cagtcctcac	agtcgcgat	180
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<210> 6328

<211> 3994

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (397)...(2976)
 <223> similar to gi3043736 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6328

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tctttcaatg	aatttactga	cattcccgaa	gtattggaga	aattgactgc	tgtggataaa	180
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<210> 6329

<211> 4120

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3909)...(89)

<223> similar to gi4529896 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6329

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```

<211> 1880
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1689)...(1380)
<223> similar to gi347457 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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ccagttgttc aaaggccccc
1880

```

```

<210> 6331
<211> 2829
<212> DNA
<213> Homo sapiens

```

```

<220>

```

```

<221> misc_feature
<222> (1)...(2830)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2633)...(514)
<223> similar to gi2880079 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 6331
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actgcaaaaa ctcgaggcta atatgtgtaa tacaacacag gaggaggat tgctcagttc      180
aactactctt atttacttaa aaaaaatata gaaatgtttt tgtccacttg aactgtagtc      240
cagacataaa agttacatga aagttttaga aaatggagtt attttatttg gtgcccacag      300
tacccttga agccagttac ttaaaatgct gaagttgtac atatttccat tggtcaggag      360
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<210> 6332

<211> 4666

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (45)...(1880)

<223> similar to gi762953 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6332

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<210> 6333
 <211> 5254
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (4976)...(4328)
 <223> similar to gi529707 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<211> 4775

<212> DNA

<213> Homo sapiens

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<222> (231)...(3433)

<223> similar to gi3882177 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<210> 6335

<211> 1932

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1685)...(1080)

<223> similar to gi5834273 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6335

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gaggtggccc	ctacaccctt	tatggctgat	tcgggcccc	ttgctcactc	tgctgcagca	180
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cctggacaat	aagtgactgc	atctccatca	ccacaatatg	tactcagatc	ccaggcgagg	660

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agcttaaaaa	gc					1932

<210> 6336

<211> 2113

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (166)...(1332)

<223> similar to gill147567 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6336

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ggaaaccaga	aagatcatgc	ggagctctgc	tggaggtgat	ctgcaccttg	cacaaactca	600
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<210> 6337

<211> 7564

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (685)...(3534)

<223> similar to gi2224581 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6337

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<210> 6338
 <211> 4407
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (447)...(2959)
 <223> similar to gi4886427 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6338

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<210> 6339

<211> 1960

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (240)...(1778)

<223> similar to gi3387977 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6339

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<210> 6340

<211> 2080

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2073)...(1281)

<223> similar to gi4678526 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6340

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taagttgtga	aggatgccat	atcttgccag	agatgctaaa	aagaccagcc	attccagaca	1860
tcgttagaga	agccggggat	ttccagccag	tcagaggctc	cgactgattg	ccatttcttc	1920
tctaagatat	aattctgcag	gtcttcgaag	attcctgggg	ccacgataac	ggcggaatat	1980
cccctccttt	gcatgaaaaa	atgctgggag	agtgggtgaca	aagaagcggc	cactcaaacc	2040
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<210> 6341

<211> 597

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (22)...(219)

<223> similar to gi4261801 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6341

tatgccatcg	tgtgggtgaa	tggggtcgac	gcgctagagc	atgagggatc	tacctcccct	60
ttgacaccga	catcagtagc	ctgttccagg	tggggcccct	gcctcccgc	ctccgcacatca	120
ctatcaccat	cggcaacatg	ctcatctcct	ccaccctgcc	accagggagc	atcctcgaca	180
tggccgacac	ctccacgtgg	gtaccatcct	gcttccaccg	cagacaccca	ccttctctgtc	240
ccaccccg	gggcattaca	ttagggtaat	tacattagtg	tcaagatatg	ccataatact	300
gagaatggag	gagtctgagg	ccctggtcca	tcaactgaca	gcatgaactt	cacgtcaaga	360
agtgagattg	gtgaataagt	gaagacagaa	ggaaaattgg	agatacagct	ggatgtatga	420
accctgctct	aaaaacactc	tttaacggta	taaggattct	tattaacgaa	ttttatttct	480
tttttatctg	atcattat	tattttgatt	tatagaggaa	tatatagagg	gggatatcta	540

tagagacaca cacgtttgtg tgtgtatata taaatatata tgtatgtgta aaaaaaa

597

<210> 6342

<211> 6355

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (120)...(5182)

<223> similar to gi463430 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6342

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tgaaactgcg	tggagtcagc	ctggctgccg	gcttgttctt	actggccctg	agtctttggg	180
ggcagcctgc	agaggctgcg	gcttgctatg	ggtgttctcc	aggatcaaag	tgtgactgca	240
gtggcataaaa	aggggaaaaa	ggagagagag	ggtttccagg	tttggaaagga	caccagcat	300
tgcttgatt	tccagggtcca	gaagggcctc	cggggcctcg	gggacaaaag	ggtgatgatg	360
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cagggacacc	aggtcttctt	ggaatgccag	gccacgatgg	ggccccagga	cctcaaggta	480
ttcccggatg	caatggaacc	aaggggagaac	gtggatttcc	aggcagtccc	ggttttcctg	540
gtttacaggg	tcctccagga	ccccctggga	tcccagggtat	gaagggtgaa	ccaggtagta	600
taattatgtc	atcactgcca	ggaccaaagg	gtaatccagg	atatccaggt	cctcctggaa	660
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<210> 6343

<211> 1465

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1466)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (928)...(298)

<223> similar to gi5712754 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6343

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aaggcattgg	tgcctctaag	aagttggccc	aatctaaatt	tgcaaaagga	ttttttcaat	300
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cccagcttca	cccccaagt	cttcagcaac	acgtcactcg	tgagtaggag	cagagccttc	420
ccgtcaattt	catggcttct	gaagaggtcg	acaagagggc	ataatgcaag	aggatctggt	480
tgthtttagaa	ataggaccac	tgcttccacc	gaccaggttg	aagggtgctt	agtgatgctt	540
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caggatgcgt	cagatacaat	attcgggtcc	tatttttagtg	acagagcctg	tcacgccggc	1200
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cgcgcacgcg	agaccagtga	tgccctgacc	cctgagtggg	tcagagagct	cccgcgacgc	1380
cgaattccca	cactcgcgcc	cacgcgtccg	cggacgcgtg	ggtcgtccca	gggtttcagt	1440
cggtagccgac	ggnatcagtg	ggaag				1465

<210> 6344

<211> 2793

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (227)...(1739)

<223> similar to gi2906006 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6344

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caagtgttgc	ttcaaagtac	caaggtcaga	aattgattca	gtacggttta	ctaaagtcac	2760
gtggaataaa	gccattggaa	acaaaaaaa	aaa			2793

<210> 6345

<211> 3680

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3452)...(514)

<223> similar to gi3299885 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6345

ttttttttta	ccgggcacca	acgttggttt	taatggcatc	aacaccagc	aggtcacacg	60
tcagttctgg	ttggcaacgt	ctaggggtga	ggggctgtgg	cctccagtcg	gccccacagc	120
ctttgagaac	tggtgccc	gtcccaccg	cttcccgc	cgccccactg	aaaaaacact	180
aaacgattgc	actgacagac	agacccaga	gcgcccggc	tcccacacac	ccacggggct	240
gtcagagtca	accagggtt	tggcgctact	cggcggtggc	ccggggctgc	gcccaggata	300
gtgtttatca	aatgtgacac	aggttcattt	acaaactggg	gctctggaag	gtctacttct	360
gtggctctaa	gagacttgtc	tctcatggct	tctctcggag	ctaccggaag	ttggacctgg	420
ataacgctgt	gtaggttggt	tggtttattt	gtaaggaatg	tgttaaggcat	tttggttaagt	480
tgaacagtaa	cttctttttc	caaagaggaa	actcagacag	aggtgccctc	ctttgagctg	540
ctgcgctcct	ctgccttttc	cagctgttcc	tgcagcttct	tcaccgtgtc	cttctccctt	600
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cccggccttt	gcttcaacag	agagggaaat	ggcacctcca	ggacctcaga	accggaagct	3540
tctttctgca	gccagagacg	cgagagggaa	agcgagaggg	caggagccgc	cgccttcgca	3600
gccgccgcgg	agccgggaga	gaggagccgg	ccaagcctcc	gccaagaaaa	agcccccgag	3660
cagctgtaga	cgctgcgact					3680

```

<210> 6346
<211> 2083
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2084)
<223> n = a,t,c or g

<220>

```

<221> misc_feature
 <222> (424)...(1686)
 <223> similar to gi54244 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6346

tatcgcgtaa	atctggatgc	gcgcgatata	agcaaattaa	atgggttcgtg	gccgcatect	60
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atctcccccc	aaaccgagca	ggaaagtga	taaactta	tgagaatgtc	tgaaaacctt	180
gacaagtcca	atgtaaatga	agcaggaaaa	tcaaaatcca	atgattctga	ggaaggcctc	240
gaagatgctg	tggaagggtc	tgatgaagcc	ttacaaaaag	caataaagtc	agactcctcc	300
agcccccaaa	gagtgcagag	acctcactct	agtcctctc	gctttgtgac	agtagaagaa	360
cttctagaga	cagcgagagg	cgtcaccaac	atggctctag	cccatgaaat	tgtagtaa	420
ggagactttc	agattaaacc	agttgaatta	ccagaaaaca	gcttgaagaa	gagagtaaag	480
gagattgtac	ataaagcggt	ttgggattgc	ttgagtgtgc	agctaagtga	agatccccca	540
gcatatgacc	atgctatcaa	acttgttaga	gaaatcaaag	agactctctt	atctttcttg	600
ctgcctggtc	atactagact	gagaaaccag	ataacagaag	tcttggatct	ggatctgata	660
aagcaggaag	cagagaatgg	ggcgctagac	atthccaagc	tggcagaatt	cattattggc	720
atgatgggga	cactgtgtgc	acctgctcga	gatgaggaag	ttaagaaact	aaaggacatt	780
aaggaaatag	tgcccccttt	cagagaaatt	ttttctgtgt	tggacctaat	gaaagtggac	840
atggccaact	ttgctatcag	tagcatcagg	cctcatctca	tgcagcagtc	agttgaatac	900
gaaaggaaga	agtttcaaga	gattttggag	aggcaaccaa	atthcctgga	ctttgtcacc	960
cagtggctgg	aagaagcctc	agaggacctt	atgactcaga	agtataaaca	cgccctgcca	1020
gtggggggaa	tggctgctgg	ctctggggac	atgcccaggc	tgagccctgt	tgctgtccag	1080
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atccactgaa	ttctattttg	agagattgta	tttatgagtg	caagtttaca	aatcaaagaa	1920
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tagagccaaa	naaaaaaaaa	aaaaagggtt	ttatgatatt	gggttggtga	gttccttata	2040
tatactgggt	atgaaccccc	ttgtagcagg	tgtgtttatt	cag		2083

<210> 6347
 <211> 2154
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (30)...(1063)

<223> similar to gi3790133 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6347

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gtgggcgggc	ggccggcatg	gctgggcgcg	gccgggctgc	cggggcccca	ggccctggcc	180
tgcgagctgt	gcggcgcccc	gctctccttc	ctgctgcagg	tgtatgcgcc	gctgcctggc	240
cgcggcgacg	ccttccaccg	ctgcatcttc	ctcttctgct	gccgcgagca	gccgtgctgt	300
gccggcctgc	gagtttttag	gaatcaacta	cccaggaaaa	acgattttta	ctcatatgag	360
ccaccttctg	agaatcctcc	cccagaaaaca	ggagaatcag	tgtgtctcca	gcttaagtct	420
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aaagcatatt	actgcagcaa	ggagcatcag	accctagact	ggagattggg	acataagcag	540
gcttgtgcac	aaccagatca	tctggaccat	ataattccag	accacaactt	cctttttcca	600
gaatttgaaa	ttgtaataga	aacagaagat	gagattatgc	ctgaggttgt	ggaaaaggaa	660
gattactcag	agattatagg	gagcatgggt	gaagcacttg	aggaagaact	ggattccatg	720
gcaaaacatg	aatccaggga	agataaaaatt	tttcagaagt	ttaaaactca	gatagccctt	780
gaaccagaac	agattcttag	atatggcaga	ggtattgccc	ccatctggat	ttctggtgaa	840
aatattcctc	aagaaaagga	tattccagat	tgccctctgt	gtgccaagag	aatattggaa	900
ttccaggcca	tgctcagct	cctaaactac	ctgaaggctg	acagactggg	caagagcatt	960
gactggggca	tctggctgt	cttcacctgt	gctgagagct	gcagcttggg	tactggctat	1020
acagaagaat	ttgtgtggaa	gcaggatgta	acagatacac	cgtaaaggca	tcttaaagcc	1080
ttgaaaaatg	ttaataatct	tttatacctt	gcaattccat	ttctgggatt	ttatcctaag	1140
gaaatactta	tacaaaaaat	agagggtcag	agatgttgac	ggattgctta	cacagtgtct	1200
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aagactacac	taagggtttct	tccatccctt	agcaagctca	cagttgacaa	ttcccagttc	2100
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<210> 6348

<211> 2514

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (102)...(2416)

<223> similar to gi4033595 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 6348
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accgggcacc gcatcagcct gctcaaccct ttaaatttac aatttccgaa tcctgtgac      180
ggattaagga agagtttcag tttttacagg ctcaatacca cagtctgaag ctggaatgtg      240
agaaactcgc cagtgagaag acagagatgc agcggcatta tgtcatgtat tatgaaatgt      300
cctatgggtt gaatatagaa atgcacaagc aggcagagat tgtcaagagg ctgaatgcta      360
tctgtgcaca agtcattcct ttctgtgcc aagagcacca gcaacaagtg gtgcaggctg      420
tggaacgggc caagcaggtg accatggcag aactgaacgc catcattggg cagcaacaac      480
tccaggccca gcatttatca catggacatg gtctccccgt acctctgact ccacaccctt      540
cagggctcca gccccctgcc attccacca tcggtagcag tgccgggctt ctggccctct      600
ccagtgtctt aggaggtcag tcccatcttc caattaaaga tgagaagaag caccatgaca      660
atgatcacca aagagacaga gactccatca agagctcttc agtatcccca tcagccagtt      720
tccgaggtgc tgagaagcac agaaactccg cagactactc ctgagagagc aaaaagcaga      780
aaactgaaga aaaggaaatt gcagctcggt atgacagcga tgggtgagaaa agtgatgaca      840
acttgggtgt tgacgtttcc aatgaggatc catcttcccc tcgagggagc ccagcacatt      900
ccccagaga gaatggccta gacaagacac gcctgtctca gaaagatgcc ccgattagtc      960
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cagcaatacc tccaaacctg acaggcatc caggaggaaa accagcatac tccttccatg     1440
ttagcgcaga tggtcagatg cagcctgtcc cttttccacc cgacgcctc atcggacctg     1500
gaatcccccg gcatgctcgc cagatcaaca cctcaacca cggggagggtg gtgtgcgcgg     1560
tgaccatcag caacccacg agacacgtgt acacgggtgg gaagggtgc gtcaagggtc     1620
gggacatcag ccaccaggc aataagagtc ctgtctccca gctcgactgt ctgaacaggg     1680
ataactacat ccgttcctgc agattgtctc ctgatggctg caccctaatt gttggagggg     1740
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gaagagtggc ttgagtgagg gatggagaac agcaatgggt gaagttttgc atgtcaccaa     2160
gccagacaaa taccaactac atcttcatga gagctgtgtg ctgtcgctca agtttgccca     2220
ttgtggcaaa tggttttgta agcactggaa aggacaacct tctgaatgcc tgggagaaca     2280
ccttatgggg gccagtatat ttccagtcca aagaatcctc atcgggtgct tagctgtgac     2340
atcttccgtg gacgacaaat acattgtcac tggctcttgg ggataaggag ggccacagtt     2400
tatgaagtta tttattaaag acaaatcttc atgcagactg gacttctcct cctggtagca     2460
ctttgctctg tcatcctttt tgttcacccc catccccgca tctaaaacca agga         2514

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<210> 6349
<211> 2901
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (113)...(877)
 <223> similar to gi2301460 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6349

aacagcctca	gctcaagcgg	tggtccact	ggaggaaaac	acaccccggt	ctcacattaa	60
agaagccaaa	ctgtcggctt	caaagagaaa	aggcaacatc	ctgtcacagg	ccatgctctg	120
gcaaaaaccc	acagctccgg	agcaagcccc	agccccggcc	cggccatacc	agggcgctccg	180
tgtgaaggag	ccagtgaagg	aactgctgag	gaggaagcga	ggccaagcca	gcagtggggc	240
agcacctgca	cctacggcgg	tggtgctgcc	ccatcagccc	ctggcgacct	acaccacagt	300
ccttcctgcc	tggacatgga	aggttctgtg	tctgcagtga	cagaggaggc	tgccctgtgt	360
gcgggtggc	tctcccagtc	caccccggcc	accctgcagc	ccctggcccc	atggacacct	420
tacaccgagt	atgtgcccc	tgaagctgtc	agctgcccc	actcagctga	catgtatgtg	480
cagcccgtgt	gccccagcta	cacggtggtg	gggcccctct	cagtgttgac	ctatgcctct	540
ccgccactca	tcaccaatgt	cacgacaaga	agctccgcca	cgcccgagct	ggggcccccg	600
ctggagggcc	cagagcacca	ggcacccttc	acctatttcc	cgtggcctca	gcccctttcc	660
acactacca	cctccaccct	gcagtaccgg	cctccggccc	cagccctacc	tgggccccag	720
tttgtccagc	tccccatctc	tatcccagag	ccagtccttc	aggacatgga	agaccccaga	780
agagccgcca	gctcgttgac	catcgacaag	ctgcttttgg	aggaagagga	tagcgacgcc	840
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<210> 6350
 <211> 2705
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2351)...(714)
 <223> similar to gi3688089 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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gccgg						2705

<210> 6351

<211> 403

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (103)...(405)

<223> similar to gi300478 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6351

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caactccttt	ccttccctgg	catggttgga	tacttttacc	tttgataacc	tgggtttgcc	180
atcctaacaa	aaccattatg	taaactcaca	aaagaaaacc	tagctgatgc	catagatcct	240
aaatcctttt	cccactcctc	tttccgttcc	ttgaagacag	cattagagaa	tgcttcacaa	300
ctagctctcc	ctgactcatc	ccaacccttt	ttcattacac	acagccgaag	tgcagggctg	360
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<210> 6352

<211> 1415

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (124)...(472)

<223> similar to gi2822179 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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ctaggtttca gcggccgctg cgatgaccaa aataaaggca gatcccgcgc ggcccaggc      180
tcaggcggag gcgtgttccg gggagcgcac ctaccaggag ctgctggtca accagaacct      240
catcgcgcag cccctggctt ctgcgcgcct cagcgggaag ctctacaaat gcatcaagaa      300
agcgggtgaag cagaagcaga ttccggcgcgg ggtgaaagag gttcagaaat ttgtcaacaa      360
aggagaaaaa gggatcatgg ttttggcagg agacacactg cccattgagg tatactgccaa      420
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aatttaccba ccacacagc acattttaaa taggaatatg aagctaaaat gcattcccc     1260
gagctctctt gcttaacata atggccctag taacccaatc ctttcaagta ttttagactt     1320
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<210> 6353

<211> 5868

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (222)...(5433)

<223> similar to gi5052123 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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tttgcaggca ctttaaatta aatggttgca gatggaatgg gaagttagag taagggttag      180
aaaattcatt tcttctcccg accctctctt gcttttctcc taggcttggc actgctgcac      240
caccaaaggc aaacttcatt gaagctgaca agtattttct tccattcgag ctgacttgcc      300
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gaattgttga aaccatttgc agttgttttc agggccctca gactgatgaa ggggttcagt      480
tacaataaat taaggctctt ctgactgcag tgacttcccc acacattgaa attcatgagg      540
gtactatcct gcagacagtg agaacatgtt acaatatcta tttggccagc aaaaatctca      600
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<210> 6354

<211> 6087

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (85)...(5889)

<223> similar to gi34844 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6354

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<210> 6355

<211> 1803

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1704)...(416)

<223> similar to gi3413320 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 6355
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tgagaaagac tgtaatcagt ctttaaataa ttatcttgac gtaaagagga aaagtaggag    240
gcacaatata tatatatcac aaaccaaata acactctctg gtaacattta caacaggggg    300
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ttc
1803

```

<210> 6356

<211> 1447

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1448)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (81)...(686)

<223> similar to gi435425 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6356

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<210> 6357

<211> 1010

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1011)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (743)...(39)

<223> similar to gil575505 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6357

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<210> 6358

<211> 3579

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (482)...(3103)

<223> similar to gi5757884 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6358

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aaggaagctg	tggcaagtga	ttggagtgtg	gcttcaaaaa	tttcagaaat	tcagcagtat	300
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<210> 6359

<211> 2061

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (175)...(1845)

<223> similar to gi5813799 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6359

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catttacgtg	cgcaagcgg	agtggaccgg	gagctggtga	cgatggcggg	gccgcagccc	180
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gaccccgagg	aagccactgc	tgccaggggtg	attgacaggt	ttgatgaagg	ggaagatggg	300
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gagcagactc	tccaggatcg	tctgatgagg	aaatatctga	tgaggaaggg	tctggagatg	480
aagattcaga	gggactgggt	ctggaggaat	atgatgagga	cgacctgggt	gctgtgagg	540
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cacccagtgg	gcgccttggc	tggtgcggct	gctgggtccag	atggaggaaa	ccagtgcatt	1920
tatggggctg	agctagtagg	gaagcccctg	gaaagatgct	gcgttccgaa	cctgtgccta	1980
atacacgcaa	gggcgctgtc	ccgcccgaac	ccgcctttaa	acgccacaaa	taaagagcat	2040
tgttaccgcc	caaaaaaaaa	a				2061

<210> 6360

<211> 1860

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (181)...(1575)

<223> similar to gi3098311 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6360

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ccccctcgc	cctgagccag	agcaccg	gtcccgccag	ccctcacac	tccagcaaa	180
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tccaccacca	cgggccacct	catctacaaa	tgcggaggta	ttgacaaaag	gaccattgag	300
aagttcgaga	aggaggcg	tgagatgggg	aaggatcct	tcaagtatgc	ctgggtgctg	360

gacaagctga	aggcggagcg	tgagcgcggc	atcaccatcg	acatctccct	ctggaagttc	420
gagaccacca	agtactacat	caccatcatc	gatgcccccg	gccaccgcga	cttcatcaag	480
aacatgatca	cgggtacatc	ccaggcggac	tgcgcagtgc	tgatcgtggc	ggcgggctg	540
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tacacgctgg	gtgtgaagca	gctcatcgtg	ggcgtgaaca	aaatggactc	cacagagcca	660
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ccccgccagg	cgcgtgtctg	cacctccgct	ttccagaggc	cctcggtcag	cgactggatg	1740
ctcgccatca	agggtccagt	gaagttcttc	aagaggaaag	gcgccccgcg	cccaggcttc	1800
cgcgcccagc	gctcgccacg	ctcagtgcgc	gtttttacca	taaactgagc	gacccccaaa	1860

<210> 6361

<211> 975

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (124)...(645)

<223> similar to gi829623 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6361

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accatgtcga	gcaaaaaggc	aaagaccaag	accaccaaga	agcgccctca	gcgtgcaaca	180
tccaatgtgt	ttgccatgtt	tgaccagtca	cagattcagg	agttcaaaga	ggccttcaac	240
atgattgatc	agaacagaga	tggcttcac	gacaaggaag	atttgcatga	tatgcttgct	300
tctctaggga	agaatcccac	tgatgcatac	cttgatgcca	tgatgaatga	ggccccaggg	360
cccatcaatt	tcacatgtt	cctgaccatg	tttggtgaga	agttaaatgg	cacagatcct	420
gaagatgtca	tcagaaacgc	ctttgctctt	gctttgatga	agaagcaaca	ggcaccattc	480
aggaagatta	cctaagagag	ctgctgacaa	ccatggggga	tcggtttaca	gatgaggaag	540
tgatgagct	gtacagagaa	gcacctattg	acaaaaagg	gaatttcaat	tacatcgagt	600
tcacacgcac	cctgaaacat	ggagccaaag	acaaagatga	ctgaaagaac	tttagctaaa	660
atcttccagt	tacattgtct	tactctcttt	tacttctcag	acatttcccc	cacctcata	720

gaacctgttg	catgcaactt	agtttcacag	ctttgcctct	tctttttgat	gtattttattc	780
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ggtaaattgt	attgaaaaag	atcgcgaaata	aaaatcaaca	aagtgtgaaa	gcccgaaaaa	900
atatattcgt	atttcctggg	ttttgctggg	atttttacat	ttttatataa	taaaaatggt	960
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<210> 6362

<211> 3684

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (2886)...(1919)

<223> similar to gil480243 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6362						
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cgacggtagt	gaccagccaa	gaggaataat	aattacattc	atcttaatgt	gtgtgtgccc	180
agttcctggt	tacattaaca	ttgggaaaaac	tccagacctg	gtaatccagg	aaccccaaat	240
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tttccccttt	tagaagctat	acataaaaaag	ttgttttctt	tctgtactgt	cacagaactt	360
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ttactagtca	aatagattct	tcaactcaaa	atatctcaca	caaccagac	ctctctagat	3240
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gttttcagac	tgccttttgt	ttttcttgtg	gggaggagat	tgggggcctg	gtctgagggt	3480
gggggagaca	gggatgtgat	tcctgaaaat	aaaactcttt	gccctaagtt	cccgggaagag	3540
atatttttcta	caataatctc	tctcaccatt	tccactcagc	cctagccac	cccggccccct	3600
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ctccagtgtt	taatctttaa	cgca				3684

<210> 6363
 <211> 3624
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(3625)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (3180)...(2728)
 <223> similar to gil439654 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 6363		
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tataatccct	agtagggaac	120
catgtcataa	aatatattga	
cattttctgca	acaaagaatc	

acactaaaag	gaacacatca	taattaccca	tagcttcccta	tcagtgtaa	ttcaggtcag	180
gtttgggttc	aaatgggtta	tgaaaatact	tttgggtttc	agagcattgg	gacttttgaa	240
atgaggacct	ggatcatcct	ttattagggg	gaaatagccc	caggagccac	gtctcagcaa	300
ttccatggaa	acacagggtt	ctttgccttc	aaaattccgt	tcctaccttc	tttgtcttcc	360
ttccccaaa	gaaactggac	aaaaaagggtc	agaactgtat	ttgttattca	tacatttgcg	420
ttgatttaaa	tacattacgt	acaattttcta	cattggatta	gaagaacgac	acagggggca	480
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gccaggaaag	gatgccca	ctcttgcttg	ccaggcccag	gaccagctct	ctcctacact	720
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aaatgagaag	attgggacca	aggactcagg	aagcaagggtg	ggatatgttc	acccatagac	1860
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tctgtagtgc	aagccgcttg	cccctggact	tcactcggtc	aatggcgcta	tagttgaagg	3480
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```
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tcaagcagca agcggacgcg tggg 3624
```

```
<210> 6364
<211> 1956
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (430)...(1504)
<223> similar to gi5262472 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 6364
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gcttttaaga agcccttaaa atgtttaatg atgcctgtat taaagtgtt ttaaggacgt 120
gagttttgtc caatgtaata ttcaaccgtt ttgggagggg gggattctgt actttacaga 180
taattgaaag atccgccatg atcgtttaag cattgcgttc ttggtgttct ataaactccc 240
atgtagaatc tgtttttttc ccataggttg tgcattttctg gctctcaa atgtcccagca 300
gcactctcag cctctgccct gccaggccct gatgacacag gggttgctga cctaaccggca 360
cgttcatccc tggagaaga ggtttaccat gtggatgtaa agattgagga gtatttcgct 420
tttgacagaa aagaggatga tgatgaatgt cttgaacaaa aaccagctca gcccggtagg 480
aaatggcgcg aactcggact tctcctgtt tccccgcgtg actgtgtcaa agatgccgtg 540
gcagcagaag tgtttgatca cgtctggaca aatatggtag aacttttgga agagctgatt 600
agaaaacact gggaaactac actcacagaa gggaaaaaac agagagaaac attgaaagtg 660
gctggaaaca gatttcgcga cgtcctcgtt ccacgcgtc acgccgatgg agccagtggc 720
ccccgcctcg gacacgccga ggctcacggc atctccctgg cttctcgtct gaacctgccc 780
cagattcatc acttctccag cagtttttat agtgacatga atgggtgtcat gacaattcaa 840
gcaaaaccgc ttcagcggag acctgcctat tttgctgaca gaacgcagaa tgagaaggag 900
gacaaagcat cgggtggagg ggcagggtgt ctctcctccg caccgcacag actgggacgg 960
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ccttctcttg cttcagattc acagagacta aaaactccca acatctatag tgacgaagtt 1080
cttcggggaa caaaactgcc gactggcgtg gaccacatgg ctccccact ggttcaaacg 1140
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ggatgccgcc ttgtttctta cagaggaagg catctacaaa accgtgtgtt gagtgccatg 1260
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tcttgaiaacc accctccca gaaccattgg agcacctgtg gcctcggcac actgcttate 1560
acttgaiaaaa tggaggaaca agtggttatat ttatctgtgt gtctgacagt gtgagatgtt 1620
agaccgagag aaaagcaaac aaataaatca cttaatcttg aacactttgc actgtaaaga 1680
gagtgaiaagt caaaccacc aagctgcctt gctgaiaagca tctccaaggt tctgtaggct 1740
ttgttcagaa gccctgatg tgtgtttgca gtccgtcatt ttatcaatga tacgcaiaaca 1800
taattagcat gtgtatgtac tcacacacta attacatgta agaatatatt atctaggaat 1860
atgtcatttg taactttgta ctctgacgta ttttctagtc tcacctatt agtaattctg 1920
tcaiaaatcct agacgctagt aaatattagt atttga 1956
```



```

<210> 6365
<211> 2547
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2270)...(381)
<223> similar to gi4379097 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 6365
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ccggaccacc actgtctttg gtacaataaa tagaaaaaaa gggggagagg ggcccaaggg      180
tccagtcctt agtggggagg gagcgccaa aaccctctcc ttgaccccc tgccccaggc      240
cccaatcagt gcaggcctca cccacccag ctgggtagca gcaattccag tcaaggagag      300
agatgaggat gggagcccag ggccccaga tgggggaggg tatggcttca ggaggggccc      360
cagggagggg gcagggtcac gagctggctg ctgtgctctg gggtagacca cggaggccca      420
gggtgaggcc cagagtggca gggtcacag gaggcgggag gggtagacca cctccagtca      480
tccgagtcag gagggctgag gcagccgggt gctggggggc aggcgctggg tgaggtgggg      540
agcagtcagc agggccgccc accaggctca catccatcag ctccgggggt ggtggtgagg      600
ttggtgatgg gggacgacca aggtatcggt gctggggggg taactgggccc cgggtcccag      660
gcagtacga ggcagaggca ggggcttgat gtgtcttgtg gggcacatca cccctgccc      720
agggccgcag cggctgggag ggtgggacct gggggctgtt catctcacag tctgtgatag      780
ggggcccagg gccccacaa tatcggttgc tgtagcggtg ggtccggttg tctactggagg      840
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ggcccggctc cccgcgccgc cggcccccg gcccgcgcgt ctgcacgccc agcacctcct      1140
gcagccgccc tgtcccgggg ccctggtaat ccttcctgag ttctttcgtc cttcgtaggg      1200
tccagccacc cccaggcagc cgttcaaagt acttgcgagc cttgggcgcc tgggtccagca      1260
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taggtcctga tgaggtccac agagagctta cgcagcgggg ctgaggttgc atcccgaag      2160
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```

gcacctcggc	tgccaccgcc	gctgagacct	gaaggagcgg	gcaaggggac	tcaaactgct	2400
cggggagccc	gagctcagac	ctgcccactg	gctgagggta	tccggcgac	gcggaagcc	2460
agggccccga	ttaccagta	atgcaaccag	caaatggcg	accacaaca	accggcccc	2520
ccacgcctg	gactccgcc	ccatccc				2547

<210> 6366

<211> 4423

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (72)...(3218)

<223> similar to gi5499741 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6366

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tgtacagcaa	ttggcgga	ggagaagatg	agtatgccaa	cggtgatgcc	attgttgtat	180
cagtgggtgt	tgatgaagaa	attgtttatg	ccaaatcaac	tgccttacag	acatggctct	240
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ccagcaagaa	aaaagtggag	ttcttgaaac	agattgccaa	cactaagggc	aatgagaatg	360
ctaattggagc	ccctgccatc	acactgctaa	tacgagaaaa	gaatgaaagt	aataagagta	420
gctttgacaa	aatgactgaa	gccattaaag	aaagcaagaa	tggcaagaag	attggagtgt	480
tcagcaaaga	caaattccct	ggagagtcca	tgaagagctg	gaatgactgc	ctcaacaaag	540
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atggggagct	caacctaattg	aagaaagcag	ccagcatcac	ttctgaagtc	ttcaacaaat	660
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atgcaaggct	cactggaggc	ccatgtcaat	ggcttccgct	tcacatctgt	tcgaggagac	2160
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tctaaggagt	cattgggtag	tgaagaagag	agtggaaagg	attgggatga	actggaggaa	3060
gaagcccga	aagcggaccg	agaaagtcgt	tacgaggaag	aagaagaaca	aagtcgaagt	3120
atgagccgga	agaggaaggc	atctgtgcac	agttcggggc	gtggctctaa	ccgtgggtcc	3180
agacacagct	ctgcaccccc	caagaaaaag	aggaagtaac	ttctgaactt	tggccctgag	3240
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ctttcgtttt	catttgaagt	tttgccattt	gtgtttatgg	gttttagggg	ccatttgtgt	3360
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gaaggcaaaa	ttgccactgt	cttctttttt	ttctcatata	tctaaggaag	atatatcagg	3960
ttgtgcctca	tgtaccgctt	ctagtgaat	gtagaggaag	gctcaaagga	gtcaacattt	4020
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ggaagggagg	ccatatctac	aacacagcct	ctcggcactg	ctgctcctta	ttttaacttt	4140
gtcttgcatt	gtcctgtatt	tatcacagtt	tctgttgaac	agctttttcaa	gtatttgggg	4200
agtttatctt	gccatcctcc	ccttctgggt	ctctgcaccc	acctgtccca	ctgcagttcc	4260
ttccgtgctc	tgtgacttta	agagaagaag	gggggagggg	tcccggattt	tatgtttggt	4320
tgttttttct	ccttagcagt	aggacttgat	attttcaatt	ttggaagaac	taaaagatga	4380
ataaactggg	ttttttttgt	tgtttgtttt	tgtaaaaaaa	aaa		4423

<210> 6367

<211> 1316

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1030)...(289)

<223> similar to gi471981 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 6367
ccttttttat atatataatcg tatttataac tggttacacg ttggattcat aattaggcat      60
caccagtagt agttggcaca gttttgttat ttaagctcag ggtcaagttc tgtttcattt      120
tgtcgttcca aagtacaaaa agaaaaaaaa aaatcaaagg catttcatct ccatggtggt      180
ttcttaaata cagtaatgtc ataggaaaca gtatgtacag atgagcagtg cctcctgacc      240
cctcctctgt ctcttggaaga taggggctgg ggtccgatgg agacgggtca atgcggcctg      300
ctgctggact ccgatgcctg cctcttgctg gaaggggtgt agccgttgag acagccattg      360
gtctgccggt ttggagggcc ctccattcag gatgtccctg gatgtgctgc acgatgaggt      420
tgatgggcac ccgattatc tgcactctct agggatgatc acatcagcat acttcctttg      480
gtggcaagca gaattcctca aagggcaggg ttgacgaaac gtaatgtact tgaggataaa      540
atctgctcaa gatccctgcc tctctcgtcg atgtccttta atactctgcg tgagagccgg      600
gtgtccgcat ctgtatccac aaaaagcttc atctggaaca ggtctcgtac ctttcctggg      660
agtagaaggc caggatccct tcaaagagca ccacgtctgc gggatagaca gtaactgtct      720
cctccttcgg ggaatgggag acaaagtcac acacggggat ctggactggt tcccttcag      780
tgatttcttt gagtgttttg agaatgagtt cattgtcaaa ggcacccggg tgggtcaaagt      840
tgaactggcc cttcagggct ttggccttct gctccgaggt aaggacacgg tagaagctat      900
cctggctcag gatgaccacc tgcttctggc gatagtccac ctcatctgct cccaggagct      960
gcacgatctt agcacacacg gaagacttgc cgctagctgt tcccccgctg acgcctataa     1020
ggaagggctc gccgccgttg ggctgctggt ggttctgcag ggtctgctcg ctgtccccgg      1080
ccatggttcg gccgccctc ctcccgtgc ctgtgcgaac ggacgcacgc tccccgcccg      1140
cgcccgctc cgactccctc cgctttccgc agccgacgct aggcgctgcc ggggctgacg      1200
gacgtgtccg tcgcctgcga gccgctcgga gcccggtgac ggggctgggt ttcccgaaag      1260
agccaagagc cttccttctg cccgcagcgg ctggtccggg ttacatccca ggcaga      1316

```

<210> 6368

<211> 1470

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1471)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1361)...(426)

<223> similar to gi5911924 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 6368
tttttgtacg attttaatct acagagtaaa ttattttata tacattggaa ccagttaatg      60
cccttagaca atgtatatgt gtttcataaa gcaggacaga caatgcagag ggaaacaggt      120
gccccaaaagc acagtcacag aggcttcaga aggtctagat accactacaa atcaatgctg      180
gagatcactt ctaaaacaat caacggttcaa gaggaatgct ttaatgtgga gaaaatacca      240
cgccctccgt cccaccccc aacctcccc acttttttat aaccttttca attcactatc      300
aaaagtcctg gctcttcaga tatactttaa actataaata aacctgcat agttctcttt      360

```

tgtttgtttt	gttttttgtt	ttttgaaaaa	ttattgcagt	acaattactc	ctatttggaa	420
tttagtaagg	agcaaacagc	acaggagtgt	gggcgggtccg	aatgggtcca	ggagctggcc	480
gcaggagtgc	cggaggaagc	gcagaagtct	ggaacagtgt	tgctgctgga	gcagttcgaa	540
gactgaagg	ggaactcact	gccactgctg	ctgcggctgc	tcagctgct	agaggatttg	600
gtagaattcg	tggaagccaat	ggctttgaag	gttcttttga	aaataactaat	tttaccacca	660
gtggatgtgc	tgtcttctgt	agtttgttgt	aaggactgta	tttaggtttc	gggggcttcc	720
cagcagctct	gtctttgtgc	cttctactgc	taatgtgctg	tttaagttgc	gtttccgagt	780
tgacgtgcac	atcacagatt	tcacagtga	atgttttatt	ttggaggcct	gtgtttcctt	840
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cattccgggc	ttctaacatg	gttttgtgct	tagtaccact	gttggtgcgc	tccagctgcg	960
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tcctcggctc	cagtagaagg	acatgagcta	ttgccagtgg	ctgtcgttgg	gcttttttcc	1080
acttttagagg	tgatctcagt	tgtcataaca	ctgcttttgc	ggatttccac	agttgtcgtc	1140
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ttatttttca	tggcttccag	tgctttgagc	ttcttggcat	gtttcgtgcc	tttgtagtgg	1320
gccgcagcct	ggctatcaga	attaaatctc	aactggcaaa	tgttgcatga	tatgatttgc	1380
tttcttcggg	ggggaagagg	aaccccgaat	gtatggtttc	tcgtgccgaa	ttcctgcagc	1440
gcggacgatt	ntcaaanngn	gnnggcccca				1470

<210> 6369

<211> 4176

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3891)...(1000)

<223> similar to gi4240295 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6369

aaggtaagta	taattttctg	cttttattga	aaatttatat	atgactcagt	attgtaataa	60
ataaacataa	ccattttcac	aaaaaatgac	agtgctatgc	taaagaagaa	aatattaaat	120
gggggattta	cttgtagtgg	caagacagac	tttttatcaa	tacagaataa	atattaacag	180
catttcgtga	gccaatgggt	gagacccaac	aaaatgtagg	gaatcaagca	tgatgtaaga	240
aataattttc	cagagaaaaa	aggatgggtg	attctcggat	gataagactg	tctttgtaaa	300
ctggggcata	tcaattagtc	ccatcctcac	agctcacctt	caaaccacag	ggcttgtttc	360
tggctatggt	aaaaggaccc	tcctctgagg	aaaagcagag	gagaggaact	cccattatcc	420
ttacagtga	acgcaaccac	tgcaaaaaa	ctccactgg	gtaaatagaa	cacagtttaa	480
taagtagatt	ggatatgata	taactataaa	atttaggtaa	cagagtaagt	gttacatgtg	540
gcaggaccgg	aaaaaaaaatca	tgacattttt	cttatccctt	tgtacccctc	ccactgtcat	600
tatgctatta	ccaacaacaa	caagaataat	gtttcaaatt	ttcctctcat	caaaaaatga	660
gagaaaataa	cgagggaagt	gtttttgttc	tttttcgaac	agtttcttga	acacctccaa	720
taccaatcac	tcacaaggtg	tctgtgcaaa	tctatttcac	aggatttcaa	ggaaattgtt	780
aactcacaaa	aaaatcctta	aatgaagcta	ttttggagtt	ctgtatatta	tttggaagg	840
agggaggaaa	aggggtggtg	tggtaaagta	gaggtaaagt	agtacaatcc	agccaaacaa	900
aatgttaaaa	gttttaaatc	aacaatgagt	ctgacttttt	ctggtttggg	aagcaagact	960
ctaaaatggt	gggagagatt	ctttctgata	tgatggctac	tgaagaacac	atttctcctc	1020
tttcttggcc	atcttgcctt	tgttttgctc	cagagtctgc	tccaaatgct	catcttcttc	1080

ttcggcctgc	ttctcctgcg	cgtccaggtc	cctgacgagc	gcacgcgcgt	tgttcaccag	1140
ggccaccagc	tcacctagca	gaagctgttc	gcgtcgcttc	tgggcctcgg	tcttctgcca	1200
gtcttcaatg	gctagcattg	ccctcaatc	ccgggttcagc	agctcatacc	gtcgttctaa	1260
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tattaagcac	ttcatcttct	gatggcttcc	tctgagtttc	agttatcgct	gccttctcct	1560
catttctctt	ctttgtatct	tcctgtattg	atctctgcct	tttcatctct	ggtctattct	1620
caatatattg	gctgaaagac	tgaagttgag	tttttctgac	tgtagaatct	ttgctgaaca	1680
caacaggatt	tctaaaacgt	tctgttggtt	tttgtaatcg	ttcagtcagg	agatcttctg	1740
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gtgaattttg	cacctgtggc	tgaacttcta	ggagcttctt	cagcttcaag	tccaccaact	1860
tactgttttg	ttcgggagta	tcaaggctcat	tttctaagtt	agtaagttca	tctccacctc	1920
ctacaacaaa	gccttcaggg	atctcctcgt	tagtatctat	ctcaatatta	tcattttcat	1980
ctccagatgc	ctttgacctt	tctttcaact	tttctgcagc	cctttcacca	tagctgggaa	2040
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ctgtgttggt	attgtgctta	ttccccgcct	ttaaggetgc	atctcttctt	gcttgetcaa	2220
gcagaactct	tgctctttcc	ttaagttctt	cttgtctaga	taacaatcga	tgctggacta	2280
tttttgatga	atgatctgca	tgatttaaag	tggttctatc	agcatctgga	tcagactccg	2340
tctgectcag	ggaagcatgt	tttttcttag	caaggctctag	atctctacta	tatgagtatc	2400
caagtttaga	agtaggagat	aaacttggtt	ttttgatagg	agattctgga	tctgatctgc	2460
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tgcttttact	gctgttttcc	tctatctgaa	cgacatttag	ttcttggcca	ctgaaatgtg	3060
cccttatttg	atagagataa	gtcataacag	tcagtttatc	aggaattgct	aataatacca	3120
tatcagaagg	ttccaataat	cgggaaattc	ctatgctggc	aaatccatcg	tatgcctttt	3180
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catttggtct	tcgccccaaa	acaggacttg	gtatagggct	tggcttagga	gaagtagaga	3420
gatcttttcc	tgcagaaact	gtgttttcat	ttaatactcc	tgtttttggt	gagaggactg	3480
gtggagccgg	ggcctttctt	ttcactcgcc	tttcagtttc	tagttcttga	acaggattta	3540
ccaaattatt	tggaggagga	gttgatttag	gttcataaaa	aggatttgat	tcaccaatt	3600
cttcttcttc	agtttttagaa	ctatcagcat	agaggtaact	gtcatatcc	acaggctcta	3660
tatttttttt	ttttgtagac	tggggaggag	aatcctttat	ggtcacaaat	gcttctggct	3720
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caggatctcc	aaatggattt	aattctgcag	catcaggatc	atcaaataga	tttgaattca	3900
cgggtggccaa	gtccttttct	gcttcatcca	aaaagtttaag	tttgttgata	agctctgtaa	3960
tttttagctgc	cttttcttct	tggttcactc	tggtctcatc	atcatcttca	ttatcttctt	4020
cgaagtcac	taaattggcc	aatgtcagcc	tggcttcata	ctcatccaac	taggccaacc	4080
tttgcatgtc	ttcatctgtg	gcttttctt	ccctgtgaaa	aatgcaagat	aatgaaaact	4140
gaagagcggc	agatacaact	tttttagata	atggct			4176

```

<210> 6370
<211> 1382
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1212)...(593)
<223> similar to gi4929693 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 6370
ttgaggtgtc ccccaggggc agcaatatct gagcacctgt ctcccacagc actcaagcat      60
caagcagtcg tgcacaaagc atccagcagg cccgatcccc gcaggccact tgcccatctt      120
tgtccactca gttggataat cagaaactgg tgcctcagcc tcgtgtgccc cgggtcatcg      180
tcttgagaaa ccaaggtctc cgctgggtcc ctaaggataa gaacttgtga gtacccact      240
ccctctacct cttcttagaa gcccaaggct cctgggtctc ctctgtcctt ggccctgcc      300
caagggctct tctctagacc caatctctgt taagtctgtg tctggaccca ctacttctg      360
tttgacctcc atgggggtta ctatttcaga gtgatgtgga gggactggga agagtcaagg      420
cagatgggtg gagctctact ggaagatcgg gccaccagc accttgtgga ctttgactgc      480
caccttgatg acatccggca ggactggacc aaccagcggc tcaacactca aatcacccag      540
tgggttggtc ccactaatgg aaatggaaat gcctgagcca gggccagcgg ggcccgggtc      600
caatagtggg accaaccacac tgggtgtatt tgagtgttga gccgctggtt ggtccagtc      660
tgccggatgt catcaaggtg gcagtcaaag tccacaaggt gctggtgggc ccgatcttc      720
agtagagctc ccaccatctg ccgtgactct tcccagtcct tccacatcac taagttctta      780
tccttaggga cccagcggag accttggttc tccaggacga tgaccggggg cacacgaggc      840
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attcgccagc caattttcaa ggccaggggc ccagggtctc gatcgttcac agctgcattg      960
gcatggtagt aaccagccac caccagaccg gcctgtgtct cccacacatc cacctgggtg     1020
agggcgacct ccaacatgac ggacagggcc aggtggctgt ggaagagggg cacacagtcg     1080
gtgaggcaca ggcattctcc agaccgcggc gctggcgcca aaaacagccc gttgactgcg     1140
gcgtgtgggt accgggcagc atgcaggcac atcttcacgt aggccagggc cgagatctcc     1200
acctccccca tggcgagcga ggcttcgggt cggcgacaac gctaactcga ctgcaggta     1260
gcccgcgggc tcccggcgcc ctgggtcccg gagtccgccc ccggcccagt ccaggaggag     1320
gtcccgattg catccgagcc ccgccttccc gcgcccctag ctggcgggccg cgactctgcg     1380
cc                                                                                   1382

```

```

<210> 6371
<211> 1783
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1784)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (487)...(1053)

```

<223> similar to gi4929222 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 6371
acttgacggc actgcgctgc acgaattcgg cactgagctgc agccctgggtg cgacccggcc      60
cgttgccgta gagatgggca gggctggatg gagggggggtg cggtagagctg agctgaccct      120
gcttcgccac ggggactgca gtgaccccg gcttgcggca gggcgggtaa caggttgagc      180
caggggtgggg ctgctcaggg gcgtggagcc gaggccagga tttctctgaa gacccggcac      240
aggctattcc tttctgcgac gagcccattg ctatggaaac caaagcgtaa ggccagcggg      300
gattgaggct gcgggatcat gacgggtctc tctcccgaa aaccttgcct aaggcttccc      360
caagcggcta cttcctgagc gaacccgccc acccgctga aggagagagt tttccatgga      420
cacagcctag cagaaagacg cagccttcgt gcttcgctga ctgctgacca ctgaccacc      480
gccttgatga cagcaccctc gtgtgccttc ccagttcagt tccggcagcc ctgagtcagc      540
ggcctctcgc agataaccaa aagcctgtat atcagcaatg gtgtggccgc caacaacaag      600
ctcatgctgt ctagcaacca gatcaccatg gtcataatg tctcagtga ggtagtgaac      660
accttgatat aggatatcca gtacatgcag gtacctgtgg ctgactcccc taactcacgt      720
ctctgtgact tctttgacct tattgtgac catatccaca gcgtggagat gaagcagggc      780
cgctactttg ctgcaactgt ctgctgggtg gagccgctca gctgccctgt gcctcgcccta      840
cctcatgaag taccacgcca tgtccctgct ggacgcccac acgtggacca agtcatgccg      900
gcccacatc cgacccaaca gcggcttttg ggagcagctc atccactatg agttccaatt      960
gtttggcaag aacactgtgc acatggtcag ttcccagtg ggaatgatcc ctgacatcta     1020
tgagaaggaa gtccgtttga tgattccact gtgagccatc ccacgagccc ctgcattgga     1080
gtcagaggta cagatctatt gttgatctta caccaagatc caaacttgaa cattctactt     1140
ttgttgatac agaaaaaaac agatgatgcc ttttatgagc aaaaaaaga gttgctgtag     1200
cttttaactt tataatccat tttttttaag attaaactaa ttgtgagatg gtgaagataa     1260
attttctgcc ctgtgagtga cactggccag gggatagggt gaggcagatg gtgccagaa     1320
gaaagagggc agcaccatt gcacatggca ggcctggaat cctgcagccc tccccaaaaa     1380
cagattgacc caggaatgaa tctgctacaa ttccacctca ttctttcaca ccagagacca     1440
gagccttaag catcatggta cctcttgccg ttcttacagt gagtgccaat ctactagata     1500
aatggccttc aggcaggtgc tccaggaatc ctgggggggt cccagggcca cctctggttt     1560
ccaccttcac tataagtggg ccagttctg gttttctaga ttgtacttat gcataagata     1620
gttttttaaa aggaaaggca ttccactggt gttaaatttt ttttngtct ttttttttgg     1680
aaactgttcc ntgcttntgt tccccatcc ggggggnttg cagtagtgtt gatccagggg     1740
ctcantgtag gccacaacnt ttnagggtt caagngatcc ctt                                1783

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<210> 6372

<211> 4213

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (24)...(3177)

<223> similar to gi31438 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6372

caggacaggg	aagagcgggc	gctatgggga	gccggacgcc	agagtccct	ctccacgccg	60
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<210> 6373

<211> 3439

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (704)...(3283)

<223> similar to gi3132526 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 6373

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<210> 6374

<211> 6191

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<222> (5553)...(1360)

<223> similar to gi2570024 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6374

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<210> 6375

<211> 1749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (99)...(1206)

<223> similar to gi3873707 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6375

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<210> 6376

<211> 3884

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (548)...(3887)

<223> similar to gi3882149 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6376

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<210> 6377

<211> 2490

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (18)...(1481)

<223> similar to gi3647275 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 6377

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